



CURRICULUM VITAE
University of Oregon

NAME: Kevin G. Van Den Wymelenberg

RANK OR TITLE: Professor with Tenure

DEPARTMENT: Architecture

OFFICE LOCATION:

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University of Oregon
Eugene, OR 97403-5231

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HIGHLIGHTS:

1. Secured/Administered over \$14.6M in externally funded research and outreach (2004-present).
 - a. 2015-present (\$7,503,565) - while directing the UO-Energy Studies in Buildings Laboratory, Biology and the Built Environment Center, and the Institute for Health in the Built Environment.
 - b. 2004-2015 (\$7.1M), while directing the UI-Integrated Design Lab.
2. Secured over \$890,000 in gifts to support research and teaching
 - a. 2015-present (\$780,000) while at UO.
 - b. 2004-2015 (\$154,156) while at UI.
3. 90+ publications (including 3 books, 24 peer-reviewed journal papers, 30+ full peer-reviewed conference papers; 15+ abstract peer-reviewed conference papers, three "best conference papers", two "top ten most cited papers", one "featured paper").
4. Over 200 invited lectures, (including 27 international and 94 national).
5. Five AIA COTE Top 10 Building Awards, more than 40 USGBC LEED rated buildings; supporting role for daylighting and energy consulting.
6. *"Oregon Acoustics Research Laboratory" Capital Project Development*, \$8,750,000 budget approved by UO Board of Trustees for new research facility, 9/2019.
7. *"Federal Testimony" June 2019, Efficiency and Resiliency in Federal Building Design & Construction*, U.S. House of Representatives, Committee on Transportation and Infrastructure, Subcommittee on Economic Development, Public Buildings, and Emergency Management.
8. University of Oregon Sustainability Award for Campus Operations, 2019.
9. *"Presidential Support" 2018-19*, Institute for Health in the Built Environment, \$158,000; University of Oregon, Presidential Excellence Fund; To: Kevin G. Van Den Wymelenberg, 2018-2019.
10. Northwest Energy Efficiency Alliance Leadership in Energy Efficiency Award for Innovation, 2017.
11. University of Idaho Presidents' Mid-Career Award, 2015-2017.
12. Idaho Business Review's Accomplished Under 40 Award, Idaho Business Review, 2011.
13. Governor's Award for Pollution Prevention and Sustainable Practices, State of WA, as a member of the BetterBricks Daylighting Lab, University of Washington; 2004.



DATE OF FIRST EMPLOYMENT AT University of Oregon: 06/2015

DATE OF TENURE: 12/15/2015; University of Oregon
7/1/2013; University of Idaho

DATE OF RANK OR TITLE:

9/2019; tenured, professor, University of Oregon
12/2015; tenured, associate professor; University of Oregon
06/2015; tenure track, associate professor; University of Oregon
07/2013; tenured, associate professor; University of Idaho
07/2009; tenure track, assistant professor; University of Idaho
03/2004; non-tenure track, assistant professor; University of Idaho

HIGHER EDUCATION:

Degrees:

1. *PhD*, University of Washington, Seattle, WA, 09/2006–07/2012, Built Environments.
 - a. *Sustainable Systems and Prototypes*
 - b. *Computational Design and Research*
2. *Master of Architecture*, University of Washington, Seattle, WA, 09/2000–12/2002.
 - a. *Architectural Studies in Rome Program*
 - b. *Lighting Certificate Program*
3. *Bachelor of Science in Architectural Studies*, University of Wisconsin-Milwaukee, Milwaukee, WI, 08/1996–05/2000, Architecture.
 - a. Minor in Art History
 - b. Certificate in Urban Planning
 - c. Architectural Studies Program in Paris at L'Ecole Speciale d'Architecture

Certificates and Licenses:

1. Lighting Certificate, University of Washington, 2002
2. Certificate in Urban Planning, University of Wisconsin-Milwaukee, 2000
3. Minor in Art History, University of Wisconsin-Milwaukee, 2000

**ACADEMIC EXPERIENCE:****Teaching, Extension and Research Appointments:**

1. *Professor (tenured); Department of Architecture, University of Oregon; 9/2019 – present.*
 - *Institute Director, College of Design, Institute for Health in the Built Environment (IHBE), Eugene and Portland, OR; 02/2018 – present.*
 - *Co-Director, University of Oregon, Biology and Built Environment (BioBE) Center; 05/2016 – present.*
 - *Lab Director; Energy Studies in Buildings Laboratory (ESBL), Eugene and Portland, OR; 06/2015 – present.*
 - *Adjunct Associate Professor, University of Idaho, Department of Mechanical Engineering; 06/2015 – present.*
2. *Associate Professor (tenured); Department of Architecture, University of Oregon; 12/2015 – 8/2019.*
3. *Associate Professor (tenure track); Department of Architecture, University of Oregon; 06/2015 – 12/2015.*
4. *Associate Professor (tenured); Department of Architecture, University of Idaho; 07/2013-06/2015.*
 - *Lab Director, University of Idaho, Integrated Design Lab (UI-IDL), Boise, ID; 03/2004 – 06/2015.*
 - *Joint Appointment, Idaho National Lab Center for Advanced Energy Studies (CAES); 07/2012 – 06/2015.*
5. *Assistant Professor (tenure track); Department of Architecture, University of Idaho; 07/2009 – 06/2013.*
6. *Assistant Professor (non-tenure track); Lab Director, University of Idaho, Department of Architecture; UI-IDL, Boise, ID; 03/2004 – 06/2009.*
7. *Teaching Assistant, University of Washington, Seattle, WA, Passive Control Systems, Arch 598c (3cr.); High Performance Building Design, Arch 598d (3cr.); Spring 2008.*
8. *Research Associate - Resident Daylighting Consultant, University of Washington, Seattle, WA; 12/2001 – 3/2004.*
9. *Research Assistant - Intern Daylighting Consultant, University of Washington, Seattle, WA; 9/2000 – 12/2001.*

Academic Administrative Appointments:

1. *Member, Vice President for Research and Innovation Search Committee, University of Oregon, 12/2019 - present.*
2. *Member, University Faculty Personnel Committee, University of Oregon, 09/2019 - present.*
3. *Member, Provost Environment Initiative Committee, University of Oregon, 09/2019 - present.*
4. *Member, Industry Engagement Working Group, University of Oregon, 09/2019 - present.*
5. *Member, Provost Search Committee, University of Oregon, 04-06/2019.*
6. *Member, Portland Faculty Review Committee, University of Oregon, 01/2018 – 06/2019.*
7. *Member, School of Architecture and Environment Communications Committee, University of Oregon, 01-09/2018.*
8. *Interim Head; Department of Architecture, University of Oregon, 07/2017 – 01/2018.*
9. *Member, Conflict of Interest in Research Committee, University of Oregon, 07/2017 – 12/2019.*
10. *Research Advisory Board; Office of the Vice President for Research and Innovation, University of Oregon, AY 2016-17, 2017-18, 2018-19.*
11. *PhD committee; Department of Architecture, University of Oregon, 09/2015-present.*
12. *Academic Affairs Committee; School of Architecture and Allied Arts, University of Oregon, 09/2015 – 06/2017.*



13. *University Representative*; Center for Advanced Energy Studies (CAES) – Energy Efficiency Research Institute (CEERI), provide institutional representation and support for multiple energy efficiency research endeavors between the CAES partner institutions including Boise State University, Idaho National Laboratory, Idaho State University and University of Idaho; 10/2010 – 06/2015.
14. *College of Art & Architecture Representative*; University of Idaho Research Council; Academic Year 2007-2008.

PROFESSIONAL EXPERIENCE:

1. *Intern Architect*, McKibben+Cooper Architects, Boise, ID; Summer 2006.
2. *Co-owner*, Northwest Custom Design & Fabrication Inc, Boise, ID; 12/2004 – 06/2006.
3. *Intern Lighting Designer*, Creative Lighting Design and Engineering, Milwaukee, WI; Summer 2000.
4. *Intern Architect*, Berners-Schober Associates Inc, Green Bay, WI; Summer 1997.

HONORS AND AWARDS:

1. *“University of Oregon Sustainability Award for Campus Operations”*, 2019.
2. *“Presidential Support”* 2018-19, Institute for Health in the Built Environment, \$158,000; University of Oregon, Presidential Excellence Fund; To: Kevin G. Van Den Wymelenberg, 2018-2019.
3. *“Unthank Faculty Excellence Award”* 2017-18 Studio Enrichment Award, \$5,000; University of Oregon, Department of Architecture; To: John Rowell, with Kevin G. Van Den Wymelenberg, 2017-2018.
4. *“Leadership in Energy Efficiency Award for Innovation”*, Northwest Energy Efficiency Alliance Board of Directors, 2017.
5. *“Best Paper Award”*, Student Division, ASHRAE and IBPSA-USA SimBuild 2016 Building Performance Modeling Conference Proceedings; Paper Title: *Sensitivity study of annual and point-in-time daylight performance metrics: A 24 space multi-year field study*; Authors: Amir Nezamdoost, Kevin G. Van Den Wymelenberg; Salt Lake City, UT; August 8-12, 2016.
6. *“2016 International Velux Award for students of architecture”*, The Americas Daylight Investigation, World Architecture Festival 2016, Project Title: *Automated Blind Study*; Authors: Amir Nezamdoost, Malak Modaresnezhad, Alen Mahić; Teacher: Kevin Van Den Wymelenberg; Berlin, Germany, November 18, 2016. (<https://vimeo.com/201029341>)
7. *“2016 Sustainability Award”*, Research Award, University of Oregon; To: Energy Studies and Buildings Laboratory, G.Z. Brown and Kevin G. Van Den Wymelenberg, 2016.
8. *“Unthank Faculty Excellence Award”* 2016-17 Studio Enrichment Award, \$5,000; University of Oregon, Department of Architecture; To: Kevin G. Van Den Wymelenberg, 2016-2017.

Tenured 12/15/2015; University of Oregon

9. *“Presidents’ Mid-Career Award”*, University of Idaho, for outstanding scholarship, teaching and engagement, 2015-2017.
10. *“Special Recognition”*, University of Idaho-Boise, for special contributions through outstanding pedagogy, creative community engagement, and notable research, May 2015.
11. *“Featured Paper”* in a special issue titled I; Buildings; Paper Title: *Comparing Whole Building Energy Implications of Sidelighting Systems with Alternate Manual Blind Control Algorithms*, Buildings, vol. 5, no. 2, pp. 467–496, May 2015; Christopher Dyke, Kevin G. Van Den Wymelenberg, Ery Djunaedy, and Judith Steciak. (Serving as co-major advisor to Christopher Dyke)



12. *"Top 10 Most Cited"* - Rank 5th most cited, 2nd most viewed; LEUKOS, The Journal of the Illuminating Engineering Society; Paper Title: *A Critical Investigation of Common Lighting Design Metrics for Predicting Human Visual Comfort in Offices with Daylight*, LEUKOS, v. 10, n. 3, pp. 145-164, 2014; Kevin Van Den Wymelenberg, Mehlika Inanici; Citation usage data period: June 25, 2011 - January 12, 2015.
13. *"Top Ten Plus Winner"*, American Institute of Architects, Committee on the Environment, supporting role as consultant to BNIM, Iowa Utilities Board / Office of the Consumer Advocate Office Building, Des Moines, Iowa, 2014. (PI on grant for daylighting and glare post-occupancy consulting)
14. *"Outstanding Contributor Award"*, Idaho National Laboratory Center for Advanced Energy Studies, 2013.

Tenured 7/1/2013; University of Idaho

15. *"Governor's Commendation"*, State of Idaho, for outstanding service and contributions to the Idaho Strategic Energy Alliance; 2012.
16. *"Best Paper Award"*, Architectural Engineering Division, American Society of Engineering Education 2011 Annual Conference Proceedings; Paper Title: *Using Building Performance Modeling as a Vehicle for Re-Integration*; Authors: Jacob Dunn, Gunnar Gladics, Kevin Van Den Wymelenberg, Ery Djuanaedy, Sherry McKibben; Vancouver, British Columbia, Canada; June 26-29, 2011. (PI on grant that supported integrated design studio engagement)
17. *"Accomplished Under 40 Award"*, Idaho Business Review, 2011.
18. *"Top 10 Most Cited"* - Rank 6th most cited, 3rd most viewed; LEUKOS, The Journal of the Illuminating Engineering Society; Paper Title: *The Effect of Luminance Distribution Patterns on Occupant Preference in a Daylit Office Environment*; Authors: Kevin G. Van Den Wymelenberg, Mehlika Inanici, Peter Johnson, LEUKOS, v.7, n.2, pp. 103-122, October 2010; Citation usage data period: June 25, 2011 - January 12, 2015.
19. *"Best Paper Finalist"*, Passive and Low Energy Architecture 2009 Annual Conference Proceedings; Paper Title: *A Study of Luminance Distribution Patterns and Occupants' Preferences in Daylit Offices*; Authors: Kevin Van Den Wymelenberg, Mehlika Inanici; Québec City, Canada; June 2009.
20. *"Richard Kelly Grant"*, Illuminating Engineering Society of North America, \$5,000; 2008.
21. *"Doctoral Fellowship"*, University of Washington, PhD in the Build Environment, \$32,650 tuition stipend + \$16,000 in fellowship awards; 2006-2008.
22. *"Robert E. Thunen Memorial Scholarship"*, Thunen Scholarship Fund, Illuminating Engineering Society of North America, \$6,500; 2007-2008.
23. *"Edison Price Fellowship"*, Nuckolls Fund for Educational Lighting, \$10,000; 2007-2008.
24. *"Lighting Design Alliance Scholarship"*, International Association of Lighting Designers, \$2,500; 2007.
25. *"Top Ten Winner"*, American Institute of Architects, Committee on the Environment, supporting role as consultant to Bohlin Cywinski Jackson while at UW BetterBricks Daylighting Lab, for Ballard Library and Neighborhood Center, Seattle, WA, 2006.
26. *"Top Ten Winner"*, American Institute of Architects, Committee on the Environment, supporting role as consultant to Mahlum Architects while at UW BetterBricks Daylighting Lab, for Ben Franklin Elementary School, Kirkland, WA, 2006.
27. *"Governor's Award for Pollution Prevention and Sustainable Practices"*, State of WA, while at UW BetterBricks Daylighting Lab, University of Washington; 2004.
28. *"Top Ten Winner"*, American Institute of Architects, Committee on the Environment, supporting role as consultant to the Miller Hull Partnership while at UW BetterBricks Daylighting Lab, for Pierce County Environmental Services Building, University Place, WA, 2004.



29. “Agent of Change Training Fellow”, University of Oregon Agents of Change Training Program; January 2003.
30. “Theodore Reid Scholarship”, University of Washington, Department of Architecture, \$5,000; Autumn 2001.
31. “Floyd Narramore Fellowship”, University of Washington, Department of Architecture, \$3,500; Autumn 2000.

TEACHING ACCOMPLISHMENTS:

Areas of Specialization:

1. Indoor air and environmental quality, and human health outcomes
2. Architectural acoustical performance
3. Integrated design practices to promote energy efficiency
4. Daylighting design and analysis techniques and practices
5. Building technology and comfort systems
6. Architectural and engineering research methods
7. Building performance simulation practices

Courses Taught:

University of Oregon, 2015-Present

1. Graduate Technical Elective – Building Health, 4cr, Arch 410/510, Winter 2020
2. Intermediate Architectural Design Studio, 6cr, Arch 485/584, co-taught with Judith Sheine), Fall 2019
3. Graduate Architectural Design, 6cr, Arch 683, Fall 2018
4. Environmental Control Systems II, 4cr, Arch 492/592, Spring 2016, Spring 2018
5. Environmental Control Systems I, 4cr, Arch 491/591, (co-taught with Alison Kwok), Winter 2018)
6. Graduate Technical Elective – Daylighting, 3-4cr, Arch 495/595, Spring 2019
7. Graduate Technical Elective – Design the UnSeen, 2-4cr, Arch 4/507, (advisory capacity to Mark Fretz in Portland, Spring 2018).
8. Graduate Technical Elective – Campus Impact: Optimizing Comfort and Saving Energy in Buildings, 3-4cr, Arch 410/510, Spring 2017
9. Intermediate Architectural Design Studio, 6cr, Arch 485/584, Fall 2016
10. Graduate Technical Elective – High Dynamic Range Photography for Daylighting Design and Analysis, 3-4cr, Arch 410/510, Winter 2015

University of Idaho, 2004-2015

11. Daylight Design and Simulation, 3cr, Arch 573, Fall 2004, 2005, 2007, 2008, 2010, Spring 2012-2015
12. Building Performance Simulation for Integrated Design, 3cr, Arch 504b, Spring 2004, 2005
13. Building Case Studies, 1cr, Arch 504a, Fall 2004, 2005, 2007
14. Comprehensive Design Studio, 5cr, Arch 553, Fall 2006, 2008, (advisory capacity to Sherry McKibben and Jacob Dunn, Spring 2012)
15. Integrated Design Seminar, 1cr, Arch 572, Fall/Spring, 2004 – 2015
16. Non-thesis Research, (1-9 cr), Arch 599, Fall/Spring, 2011-2015
17. Directed Study, (1-3 cr), Arch 502, Fall/Spring 2014-2015

University of Washington, 2002-2003

18. Measurement and Meaning in Architecture, 3cr, Arch 598c, (co-taught with Chris Meek, Spring 2002, Winter 2003.

Students Advised:



Undergraduate Students: na

Graduate Students:

Currently advising - major or co-major professor:

1. Hooman Parhizkar, Doctorate in Architecture, University of Oregon, 06/2019 – present
2. Sohrab Ghasemi, Master of Science in Architecture, University of Oregon, 09/2019 - present

Advised to completion of degree – major or co-major professor:

1. Denise Blankenberger, Master of Science in Architecture, University of Oregon, 2017-2019
2. L. Damon Woods, Doctorate of Mechanical Engineering, University of Idaho, 2013-2018
3. Shrief Elsayed Shrief, Master of Engineering, University of Idaho, 2013-2016
4. Tyler Noble, Master of Engineering, University of Idaho, 2015-2016
5. Amir Nezamdoost, Master of Science in Architecture, University of Idaho, 2013-2015
6. Carlos Duarte, Master of Engineering, University of Idaho, 2011-2013
7. Christopher Dyke, Master of Engineering, University of Idaho, 2011-2013

Served or serving on graduate committee:

1. Aurora Ginzburg, Doctorate of Chemistry, University of Oregon, 2017-2019
2. M. Isabel Rivera, Doctorate in Architecture, University of Oregon, 2017-2019
3. Amir Nezamdoost, pursuit of Doctorate in Architecture, University of Oregon, 2016-2018
4. Belal Abboushi, Doctorate in Architecture, University of Oregon, 2015-2018
5. Robin Gates, Master of Science in Architecture, University of Idaho, 2011-2013
6. Julia Day, Master of Arts in Interior Design, Washington State University, 2010-2011
7. Melissa Britt, Master of Science in Architecture, University of Idaho, 2008

Courses Developed:

Building Health: Arch 4/595, 3-4cr (Winter 2020)
Daylighting: Arch 4/595, 3-4cr (Spring 2019)
Graduate Architectural Design, Light, Health, Energy: Center for Mental Health, 6cr, Arch 683, (Fall 2018)
Environmental Control Systems II, Arch 492/592, 4cr (redesign, Spring 2018)
Design the UnSeen: Arch 4/507, 2-4cr (advisory capacity to Mark Fretz, Spring 2018)
Campus Impact: Optimizing Comfort and Saving Energy in Buildings, Arch 410/510, 3-4c (Spring 2017)
Intermediate Architecture Design Studio, Health + Energy, Arch 484/584, 6cr (Fall 2016)
High Dynamic Range Photography for Daylighting Design and Analysis, Arch 410/510, 3-4cr (Winter 2015)
Daylight Design and Simulation, Arch 573, 3cr (Fall 2004, redesign Fall 2010)
Integrated Design Seminar, Arch 572, 1cr (Fall 2004)
Comprehensive Design Studio, Arch 553, 6cr (advisory capacity to McKibben & Dunn, Spring 2012)
Building Performance Simulation for Integrated Design, Arch 574 / ME 474, 3cr (Spring 2004)

SCHOLARSHIP ACCOMPLISHMENTS:

For purposes of this CV, first author generally indicates the principal author, and final author generally indicates the principal PI author. In some cases, authorship is alphabetical by disciplinary convention. In cases of multiple PI authors, authorship nearer to the end of the list generally indicates increased degrees of leadership of the paper. However, this is not always the case given that my research includes collaborations across many disciplines including architecture, interior design, engineering, biology, computer science, and others, and these fields sometimes have their own authorship conventions. Therefore, to facilitate interpretation for externally funded projects, student authors are indicated with **(S)**, and tenure related PI and Co-I authors are indicated with **(PI)** or **(Co-I)** accordingly.

Publications:

Currently Under Review:

1. *Comparing Lighting Perceptions between Real Space and Virtual Reality; 5th CIE Expert Symposium on Colour and Visual Appearance, April 20-24, 2020, Hong Kong, Japan; Megan Danell (S), Alen Mahic, Robert Davis (PI), Kevin Van Den Wymelenberg (Co-I), Siobhan F. Rockcastle (PI). (Submitted, under review).*
2. *Evaluating the Circadian Experience of Supportive Living Residents; 2019 Joint CIE NC Canada, CIE NC US with the Council for Optical Radiation Measurements (CORM), October 2019, Ottawa, Canada; Presenter: Paul Ward; Sandra Byers (S), Delaney Hetrick, Jeff Kline, Dale Northcutt, Paul Ward, Drew Olguin (S), Emma Schumacher (S), Estefania Valdivia (S), Kevin G. Van Den Wymelenberg (PI).*
3. *Moving microbes: the dynamics of transient microbial residence on human skin; Roo Vandegrift, Ashkaan Fahimipour, Ashley Bateman (S), Mario Mauscarella, Ashkaan Fahimipour, Kevin G. Van Den Wymelenberg (PI), and Brendan Bohannon. (In Review, PLOS ONE).*
 - a. *Previously Published: Moving microbes: the dynamics of transient microbial residence on human skin; BioRxiv, March 26, 2019, Roo Vandegrift, Ashkaan Fahimipour, Ashley Bateman (S), Mario Mauscarella, Ashkaan Fahimipour, Kevin G. Van Den Wymelenberg (PI), and Brendan Bohannon.*
4. *Acoustic performance of novel cross-laminated timber and mass plywood panel floor and wall assemblies. Jason Stenson, Mark Fretz, T. Dale Northcutt, Tobin Cooley, and Kevin G. Van Den Wymelenberg (PI). (Submitted to the Journal of the Acoustical Society of America Express Letters)*
5. *Combining Weather Forecasts with Energy Models to Guide Radiant HVAC Controls, Damon Woods (S), Ralph Budwig, John Gardner, Kevin G. Van Den Wymelenberg, Elizabeth Cooper (Planned for submission to Energy and Buildings, February 2020, double-blinded peer-review).*
6. *Assessing the visual comfort, visual interest of sunlight patterns, and view quality under differential window conditions in an open-plan office; Submitted to Building and Environment; Belal Abboushi (S), Ihab Elzeyadi, Kevin G. Van Den Wymelenberg, Richard Taylor, Margaret Sereno, Grant Jacobsen. (Planned for submission to LEUKOS, February 2020, double-blinded peer-review).*
 - a. *Published Previously: Do visually interesting sunlight patterns impact occupants' perceived glare in daylight offices?, in Illuminating Engineering Society Light + Human Health: Circadian, Biological + Behavioral, 2018 IES Research Symposium, April 8-10, 2018, Atlanta, GA; Belal Abboushi (S), Ihab Elzeyadi, Kevin Van Den Wymelenberg, Grant Jacobsen. (Single-blinded peer-review).*

Peer-reviewed Books:

1. Daylight Design in the Pacific Northwest, University of Washington Press; Christopher Meek, Kevin Van Den Wymelenberg, October 2012. (Single-blinded peer-review)

Non-peer-reviewed Books:

1. Transforming Architecture: A Festschrift in Honor of Professor G.Z. "Charlie" Brown, University of Oregon, Editors: Kevin Van Den Wymelenberg, Kent Duffy, Michael Hatten, Ron Kellett, Gwynne Mhuireach (S), July 2017.

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2. Daylighting and Integrated Lighting Design, Routledge, Christopher Meek and Kevin Van Den Wymelenberg, October 2014.

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Peer-reviewed Book Chapters: na

Non-peer-reviewed Book Chapters: na**Peer-reviewed Journal Articles:**

1. *2019 Novel Coronavirus (COVID-19) Pandemic: Built Environment Considerations To Reduce Transmission*, mSystems <https://msystems.asm.org/content/5/2/e00245-20>; Leslie Dietz, Patrick F. Horve, David A. Coil, Mark Fretz, Jonathan A. Eisen (Co-I), Kevin Van Den Wymelenberg(PI). (Editor-review).
2. *Lessons learned from implementing night ventilation of mass in a next-generation smart building*; Energy and Buildings, v.207 (January 2020), 109547, <https://doi.org/10.1016/j.enbuild.2019.109547>, Gwynne Mhuireach, G.Z. Brown, Jeff Kline, Dristi Manandhar (S), Max Moriyama (S), Dale Northcutt, Isabel Rivera(S), and Kevin G. Van Den Wymelenberg (PI). (double-blinded peer review).
3. *From one species to another: A review on the interaction of chemistry and microbiology in relation to cleaning in the built environment*; Indoor Air; v.29 i.6, (August 2019); <https://doi.org/10.1111/ina.12596>; Samantha Velazquez (S), Willem, Griffiths, Leslie Dietz, Patrick Horve (S), Suzi Nunez (S), J. Hu, J. Shen, Mark Fretz, C. Bi, Y. Xu, Kevin G. Van Den Wymelenberg (PI), Erica M. Hartmann (Co-I), Suzanne L. Ishaq. (Double-blinded peer-review).
4. *Building upon current knowledge and techniques of indoor microbiology to construct the next era of theory into microorganisms, health, and the built environment*; Journal of Exposure Science & Environmental Epidemiology (June 2019); <https://doi.org/10.1038/s41370-019-0157-y>; Patrick Horve (S), Savannah Lloyd (S), Gwynne A. Mhuireach, Leslie Dietz, Mark Fretz, Georgia MacCrone (S), Kevin Van Den Wymelenberg (PI), and Suzanne L. Ishaq. (Double-blinded peer-review).
5. *Monitored indoor environmental quality of a mass timber building: a case study*; Buildings; 9(6): 142, (June 2019), <https://doi.org/10.3390/buildings9060142>; Jason Stenson, Suzanne L. Ishaq, A. Laguerre (S), Andrew Loia (S), Georgia MacCrone(S), Ignace Mugabo(S), Dale Northcutt, Mariapaola Riggio (Co-I), Andre Barbosa(Co-I), ElliottT. Gall(Co-I), Kevin G. Van Den Wymelenberg(PI). (Double-blinded peer-review).
6. *Antimicrobial chemicals associate with microbial function and antibiotic resistance indoors*, mSystems 3:e00200 <https://doi.org/10.1128/mSystems.00200-18>; Ashkaan K. Fahimipour, Sarah Ben Maamar, Alexander G. McFarland (S), Ryan A. Blaustein, Jing Chen (S), Adam J. Glawe, Jeff Kline, Jessica L. Green(Co-I), Rolf U. Halden (Co-I), Kevin Van Den Wymelenberg(PI), Curtis Huttenhower(Co-I), Erica M. Hartmann(Co-I). (Double-blinded peer-review).
7. *Daylight exposure modulates the structure of microbial communities associated with household dust*; Microbiome; (2018) 6:175, (October 2018); Ashkaan K. Fahimipour, Erica M Hartmann, Andy Siemens (S), Jeff Kline, David A Levin, Hannah Wilson, Clarisse M Betancourt-Román, G.Z. Brown, Mark Fretz, Dale Northcutt, Kyla N Siemens (S), Curtis Huttenhower (Co-I), Jessica L Green (Co-I), and Kevin Van Den Wymelenberg (PI). (double-blinded peer review).
8. *Assessment of human exposure to triclocarban, triclosan, and five parabens in U.S. indoor dust using dispersive solid phase extraction followed by liquid chromatography tandem mass spectrometry*; Journal of Hazardous Materials; v. 360, pp 623-630, (August 2018); Jing Chen (S), Erica Hartmann, Jeff Kline, Kevin Van Den Wymelenberg (PI), Rolf Halden (PI). (double-blinded peer review).
9. *How monitoring CLT buildings can remove market barriers and support designers in North America: An introduction to preliminary environmental studies*, Portuguese Journal of Structural Engineering; rpee,

- series 3, no. 7 (July 2018); Evan L. Schmidt (S), Mariapaola Riggio (PI), Paul F. Laleicke (Co-I), Andre R. Barbosa (Co-I), Kevin G. Van Den Wymelenberg (PI).
- a. Published Previously: *How monitoring CLT buildings can remove market barriers and support designers in North America: An introduction to preliminary environmental studies*, CLEM + CIMAD 2017 Conference, May 17-19, 2017; Evan L. Schmidt (S), Mariapaola Riggio (PI), Paul F. Laleicke (Co-I), Andre R. Barbosa (Co-I), Kevin G. Van Den Wymelenberg (PI). (single-blinded peer-review).
10. *Assessing the energy and daylighting impacts of human behavior with window shades, a life-cycle comparison of manual and automated blinds*, Automation in Construction, v. 92, pp.133-150, (2018); Amir Nezamdoost (S), Alen Mahić, Kevin G Van Den Wymelenberg (PI). (Double-blinded peer-review).
 11. *Cleanliness in context: reconciling hygiene with a modern microbial perspective*, Microbiome, v. 5, n. 1, pp. 76-88, July 14, 2017; Roo Vandegrift, Ashley C Bateman (S), Kyla N Siemens (S), May Nguyen (S), Hannah E Wilson, Jessica L Green (Co-I), Kevin G Van Den Wymelenberg (PI), Roxana J Hickey. (Double-blinded peer-review)
 - a. Published Previously: *Cleanliness in context: reconciling hygiene with a modern microbial perspective*, BioRxiv, December 20, 2016; Roo Vandegrift, Ashley C Bateman(S), Kyla N Siemens (S), May Nguyen (S), Jessica L Green (Co-I), Kevin G Van Den Wymelenberg (PI), Roxana J Hickey.
 12. *A daylighting field study using human feedback and simulations to test and improve recently adopted annual daylight performance metrics*, Journal of Building Performance Simulation, v.10, n.5-6, pp. 471-483, June 22, 2017; Amir Nezamdoost (S), Kevin G Van Den Wymelenberg (PI). (Double-blinded peer-review).
 - a. *Published Previously: Sensitivity study of annual and point-in-time daylight performance metrics: A 24 space multi-year field study*; ASHRAE and IBPSA-USA SimBuild 2016 Building Performance Modeling Conference Salt Lake City, UT, August 8-12, 2016; Amir Nezamdoost (S), Kevin Van Den Wymelenberg (PI). (Best Paper Award – Student Division; Single-blinded peer-review)
 13. *A pilot daylighting field study: Testing the usefulness of laboratory-derived luminance-based metrics for building design and control*, Building and Environment, v. 113, pp. 78-91; Alen Mahić, Kiara Galicinao (S), Kevin G. Van Den Wymelenberg (PI). (double-blinded peer-review; invited for special issue)
 14. *Revisiting the daylit area: Examining daylighting performance using subjective human evaluations and simulated compliance with the LEED version 4 daylight credit*, LEUKOS, v. 13, n. 2, pp. 107-123, 2017; Amir Nezamdoost (S), Kevin G. Van Den Wymelenberg (PI). (Double-blinded peer-review)
 - a. *Published Previously: Daylit area revisited: A comparative sensitivity study of daylit area drawings with daylight results from point-in-time and annual simulations*. In IES Annual Conference Proceedings, November 7-10 2015, Indianapolis, ID, Amir Nezamdoost (S), Kevin G. Van Den Wymelenberg (PI). (Single-blinded peer-review)
 15. *Evaluating A New Suite of Luminance-Based Design Metrics for Predicting Human Visual Comfort in Offices with Daylight*, LEUKOS, v. 12, n. 3, pp. 113-138, 2016; Kevin G. Van Den Wymelenberg, Mehlika Inanici. (Double-blinded peer-review)
- Tenured 12/15/2015; University of Oregon**
16. *Comparing Whole Building Energy Implications of Sidelighting Systems with Alternate Manual Blind Control Algorithms*, Buildings, vol. 5, no. 2, pp. 467–496, May 2015; Christopher Dyke (S), Kevin G. Van Den Wymelenberg (PI), Ery Djunaedy, and Judith Steciak. (Selected as “Feature Paper” in Special Issue "Advancements in Daylighting in Buildings"). (Double-blinded peer-review)

- a. *Published Previously: A Contrast of Manual Blind Control Algorithms with Whole-Building Energy Implications*. In IES Annual Conference Proceedings, October 26-29 2013, Huntington Beach, CA, Christopher Dyke (S), Ery Djunaedy, Judith Steciak, Kevin Van Den Wymelenberg (PI). (single-blinded peer-review)
17. *Energy and Demand Implications of Using Recommended Practice Occupancy Diversity Factors Compared to Real Occupancy Data in Whole Building Energy Simulation*, Journal of Building Performance Simulation, 2014, pp. 1-16, (published online 11/5/2014); Carlos Duarte (S), Ralph Budwig, Kevin G. Van Den Wymelenberg (PI). (Double-blinded peer-review)
18. *Visual Comfort, Discomfort Glare, and Occupant Fenestration Control: Developing a Research Agenda*, LEUKOS, v. 10, n. 4, pp. 207-221, 2014; Kevin Van Den Wymelenberg (PI). (Double-blinded peer-review)
19. *A Critical Investigation of Common Lighting Design Metrics for Predicting Human Visual Comfort in Offices with Daylight*, LEUKOS, v. 10, n. 3, pp. 145-164, 2014; Kevin Van Den Wymelenberg, Mehlika Inanici. (Top 10 Most Cited - Rank 5th most cited, 2nd most viewed LEUKOS journal article between 2011.06.25-2015.01.12). (Double-blinded peer-review)
 - a. *Published Previously: Limitations of Common Lighting Metrics for Evaluating Human Visual Comfort in Spaces with Daylight*. In IES Annual Conference Proceedings, October 26-29 2013, Huntington Beach, CA, Kevin Van Den Wymelenberg, Mehlika Inanici. (Single-blinded peer-review)
20. *Revealing occupancy patterns in an office building through the use of occupancy sensor data*. Energy and Buildings, 67, pp.587–595, 2013, Carlos Duarte (S), Kevin Van Den Wymelenberg (PI), Craig Rieger (PI). (Double-blinded peer-review)
 - a. *Published previously: Revealing Occupancy Patterns in Office Buildings Through the Use of Annual Occupancy Sensor Data*. In ASHRAE Annual Conference, June 22-26 2013, Denver, CO, Carlos Duarte (S), Kevin Van Den Wymelenberg (PI), Craig Rieger (PI). (Double-blinded peer-review)

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21. *Evaluating Direct Energy Savings and Market Transformation Effects: A Decade of Technical Design Assistance in the Northwestern USA*, Energy Policy, v.52, pp. 342-353, 2012, Kevin Van Den Wymelenberg (PI), G.Z. Brown (PI), Heather Burpee, Ery Djunaedy, Gunnar Gladics, Jeff Kline, Joel Loveland (PI), Christopher Meek, Harshana Thimmana (S). (Double-blinded peer-review)
 - a. *Published previously: Measuring a Decade of Market Transformation – the Pacific Northwest Integrated Design Lab Network*, American Council for an Energy Efficient Economy 2012 Summer Study on Energy Efficiency in Buildings, August 12-17, 2012, Kevin Van Den Wymelenberg (PI), G.Z. Brown (PI), Joel Loveland (PI). (Double-blinded peer-review)
22. *Patterns of Occupant Interaction With Window Blinds: a Literature Review*, Energy and Buildings, v.51, pp. 165–176, 2012, Kevin Van Den Wymelenberg. (Double-blinded peer-review)
23. *Understanding Controls, Behaviors and Satisfaction in the Daylit Perimeter Office: A Daylight Design Case Study*, Journal of Interior Design, v.37, n.1, pp. 17-34, 2012, Julia Day (S), Judy Theodorson, & Kevin Van Den Wymelenberg. (Double-blinded peer-review)
24. *Oversizing of HVAC System: Signatures and Penalties*, Energy and Buildings, 43(2-3) [2011], 468-475; Ery Djunaedy, Kevin Van Den Wymelenberg (PI), Brad Acker, Harshana Thimmana (S). (Double-blinded peer-review)

25. *The Effect of Luminance Distribution Patterns on Occupant Preference in a Daylit Office Environment*; LEUKOS, v.7, n.2, pp. 103-122, October 2010; Kevin G. Van Den Wymelenberg, Mehlika Inanici, Peter Johnson. (Double-blinded peer-review)
 - a. *Published previously: A Study of Luminance Distribution Patterns and Occupants' Preferences in Daylit Offices*, Passive and Low Energy Architecture, Annual Conference Proceedings, June 2009, Québec City, Canada; Kevin Van Den Wymelenberg, Mehlika Inanici. (Finalist, Best Paper) (Double-blinded peer-review)

Non-peer-reviewed Journal Articles (invited):

1. *The Benefits of Natural Light*, Architectural Lighting, January 2014, Kevin Van Den Wymelenberg. Available at: http://www.archlighting.com/daylighting/the-benefits-of-natural-light_o.aspx

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2. *Mystery Through Daylight*, Lighting Design + Application, January 2013, Christopher Meek (PI), Kevin Van Den Wymelenberg (PI).
3. *A Guide to Daylighting Success*, Lighting Design + Application, Illuminating Engineering Society of North America, Christopher Meek (PI), Kevin Van Den Wymelenberg (PI), September 2011, Available at: <http://www.ies.org/Ida/hottopics/lre/1.cfm>
4. *Facing the Challenges of Integrated Design and Project Delivery*, Strategic Planning for Energy and the Environment, V28, N1, pp. 69-80, Spring 2008; Amy Hellmund, Kevin Van Den Wymelenberg (PI), Kenneth Baker.
 - a. *Published previously: Facing the Challenges of Integrated Project Delivery*, West Coast Energy Managers Congress, Conference Proceedings, May 2008, Seattle, WA; Amy Hellmund, Kevin Van Den Wymelenberg (PI), Kenneth Baker. (Single-blinded peer-review)
5. *Designing the Lit Environment, Techniques and Technologies for Holistic Lighting Design*, Architectural Lighting, May 2008; Kevin Van Den Wymelenberg (PI).
6. *Daylight Dialect*, Architectural Lighting, March 2008; Kevin Van Den Wymelenberg (PI).
7. *Cracked Rear View: Design for Change*, Column 5, University of Washington, College of Architecture and Urban Planning, 2001; Kevin Van Den Wymelenberg.

Peer-reviewed Conference Papers Proceedings (with full paper review):

1. *A Case Study Comparison of Energy Savings and Occupant Comfort for a Luminaire Level Lighting Controls One-For-One Replacement in an Open-Office Environment*; in Illuminating Engineering Society Annual Conference 2019, August 8-10, 2019, Louisville, Kentucky; Alen Mahic, Jeff Kline, Dale Northcutt, Kevin G. Van Den Wymelenberg (PI).
2. *The Impact of Lighting and Views on the Workplace of the Future*, in Illuminating Engineering Society Annual Conference 2019, August 8-10, 2019, Louisville, Kentucky; Paul Ward, Siobhan Rockcastle, Jeff Kline, Kevin G. Van Den Wymelenberg (PI).
3. *Visual Effects of Wood on Thermal Perception of Interior Environments*; Submitted to American Collegiate Schools of Architecture and American Institute of Architects 2019 Intersections Symposium, June 6-8, 2019, Las Vegas, NV; Denise Blankenberger (S), Jason Stenson, Mark Fretz, Kevin Van Den Wymelenberg (PI). (Single-blinded peer-review).
4. *Preliminary investigation of helium diffusion sampling for monitoring of indoor volatile organic compounds*; Proceedings of Indoor Air 2018, Philadelphia, PA, July 2018; A. Laguerre (S), Jason Stenson, Kevin G. Van Den Wymelenberg (PI), Elliott T. Gall (Co-I).

5. *Visual Effects of Wood on Thermal Perception of Interior Environments*; in Architectural Research Centers Consortium 2019 Annual Conference, May 29- June 1, 2019, Toronto, Canada; Denise Blankenberger (S), Jason Stenson, Mark Fretz, Kevin Van Den Wymelenberg (PI). (Single-blinded peer-review).
6. *A Human Factors Study to Update a Recently Proposed Manual Blind Use Algorithm for Energy and Daylight Simulations*, in IECON 2018 the 44th Annual Conference of the IEEE Industrial Electronics Society, October 21-23, 2018, Washington DC; Amir Nezamdoost (S), Alen Mahic, Kevin Van Den Wymelenberg (PI). (Single-blinded peer-review)
7. *Developing a Process for Continuous Commissioning*, in IECON 2018 the 44th Annual Conference of the IEEE Industrial Electronics Society, October 21-23, 2018, Washington DC; Paul Ward (S), David Ward, Mike Hatten, Kevin Van Den Wymelenberg (PI). (Single-blinded peer-review)
8. *Do visually interesting sunlight patterns impact occupants' perceived glare in daylit offices?*, in Illuminating Engineering Society Research Symposium on Light + Human Health, April 8-10, 2018, Atlanta, GA; Belal Abboushi (S), Ihab Elzeyad, Kevin Van Den Wymelenberg, Grant Jacobsen. (Single-blinded peer-review)
9. *Blindswitch 2017: Proposing A New Manual Blind Control Algorithm for Daylight and Energy Simulation*, In Illuminating Engineering Society Annual Conference Proceedings, August 10-12, 2017, Portland, OR; Amir Nezamdoost (S), Kevin Van Den Wymelenberg (PI). (Single-blinded peer-review)
10. *Optimizing Economizer Operation by Virtual Commissioning through Remote Co-Simulation*, In Building Simulation 2017 Conference Proceedings, August 7-9, San Francisco, CA; Damon Woods (S), Tyler Noble (S), Brad Acker, Ralph Budwig, Kevin G. Van Den Wymelenberg (PI). (Double-blinded peer-review)
11. *Can we use smartphone-imaging sensors as low cost luminance mapping tools to support design processes, integrated lighting system control and human factors research?*. In IES Annual Conference Proceedings, October 23-25 2017, Orlando, FL; Krysten Gormly (S), Alen Mahić, Kevin Van Den Wymelenberg (PI). (single-blinded peer-review)
12. *Metered Energy Efficiency Transaction Structure in Ultra-Efficient New Construction: Pay-For-Performance at the Bullitt Center in Seattle, WA*, American Council for an Energy Efficient Economy 2016 Summer Study on Energy Efficiency in Buildings, Asilomar, CA; August 21-26, 2016, Terry Egnor, Denis Hayes, John Jennings, David Rodenhizer, Howard Reichmuth, Kevin Van Den Wymelenberg (PI), Christopher Meek (PI). (Double-blinded peer-review)
13. *Simulation on Demand for Deep Energy Retrofits*, American Council for an Energy Efficient Economy 2016 Summer Study on Energy Efficiency in Buildings, Asilomar, CA; August 21-26, 2016; L. Damon Woods (S), Alen Mahić, Kevin Van Den Wymelenberg (PI), John Jennings, Jeff Cole. (Double-blinded peer-review)
14. *Improving the Accuracy of Measurements in Daylit Interior Scenes using High Dynamic Range Photography*, Passive and Low Energy Architecture (PLEA) 2016 Conference, Los Angeles, CA, July 11-13, 2016, J. Alstan Jakubiec, Kevin G. Van Den Wymelenberg, Mehlika Inanici, Alen Mahić. (Double-blinded peer-review)
15. *Accurate Measurement of Daylit Interior Scenes using High Dynamic Range Photography*, CIE (International Commission on Illumination) 2016 Lighting Quality and Energy Efficiency Conference, Melbourne, Australia, March 3-5, 2016, J. Alstan Jakubiec, Kevin G. Van Den Wymelenberg, Mehlika Inanici, Alen Mahić. (Double-blinded peer-review)

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16. *Towards an Integrated Framework for Predicting Visual Comfort Conditions from Luminance-based Metrics in Perimeter Daylit Spaces*. In 14th International Conference of the International Building

- Performance Simulation Associate, Building Simulation 2015, December 7-9, 2015, Hyderabad, India, J. Alstan Jakubiec, Christoph Reinhart, Kevin G. Van Den Wymelenberg. *(Double-blinded peer-review)*
17. *A comparative study of spatial daylight area drawings with annual climate-based simulation using multiple manual blind control patterns, and point in time simulation, 2015 ASHRAE Energy Modeling Conference: Tools for Designing High Performance Buildings, October 2015, Atlanta, GA; Amir Nezamdoost (S), Kevin Van Den Wymelenberg (PI). (Single-blinded peer-review)*
 18. *Annual Energy and Daylight Impacts of Three Manual Blind Control Algorithms.* In IES Annual Conference Proceedings, November 2-4 2014, Pittsburgh, PA; Amir Nezamdoost (S), Alen Mahić, Kevin Van Den Wymelenberg (PI). *(Single-blinded peer-review)*
 19. *Merging the Power of Simulation with the Simplicity of a Spreadsheet: Heat Pump Efficiency Calculator,* American Council for an Energy Efficient Economy 2014 Summer Study on Energy Efficiency in Buildings, August 17-22, 2014, Jacob Dunn, Katrina Leichter, Kevin G. Van Den Wymelenberg (PI). *(Double-blinded peer-review)*
 20. *Targeted Calibration of Energy Model,* ASHRAE 2014 Annual Conference, June 28-July 2 2014, Seattle, WA; Ery Djunaedy, Kevin G. Van Den Wymelenberg (PI). *(Double-blinded peer-review)*
 21. *Toward Resolving Discomfort Glare from Vertical Fenestration.* In IES Annual Conference Proceedings, October 26-29 2013, Huntington Beach, CA, Kevin Van Den Wymelenberg (PI). *(Single-blinded peer-review)*

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22. *Plug Load Energy Profiles and Energy Saving Interventions in Office Environments,* American Council for an Energy Efficient Economy 2012 Summer Study on Energy Efficiency in Buildings, August 12-17, 2012, Brad Acker, Kevin Van Den Wymelenberg (PI). *(Double-blinded peer-review)*
23. *Simulation-Based Daylighting Design Education and Technical Support,* Building Simulation 2011 Annual Conference Proceedings, November 14-16 2011, Sydney, Australia; Kevin Van Den Wymelenberg (PI), Christopher Meek (PI). *(Double-blinded peer-review)*
24. *Rightsizing: Using Simulation Tools to Solve the Problem of Oversizing,* Building Simulation 2011 Annual Conference Proceedings, November 14-16 2011, Sydney, Australia; Ery Djunaedy, Kevin Van Den Wymelenberg (PI), Harshana Thimmanna (S). *(Double-blinded peer-review)*
25. *Using Building Performance Modeling as a Vehicle for Re-Integration,* American Society of Engineering Education 2011 Annual Conference Proceedings, June 26-29, 2011, Vancouver, British Columbia, Canada; Jacob Dunn, Gunnar Gladics, Kevin Van Den Wymelenberg, Ery Djunaedy, Sherry McKibben. (Best Paper – Architectural Engineering Division). *(Double-blinded peer-review)*
26. *Demand Control Ventilation: Lessons from the Field - How to Avoid Common Problems,* 2011 ASHRAE Winter Conference Proceedings, Jan-Feb 2011, Las Vegas, NV; Brad Acker, Kevin Van Den Wymelenberg (PI), Ery Djunaedy. *(Double-blinded peer-review)*
27. *61 Flavors of Daylight,* American Council for an Energy Efficient Economy, Summer Study Conference Proceedings, August 2010, Pacific Grove, CA; Mudit Saxena, Lisa Hescong (PI), Kevin Van Den Wymelenberg, Seth Wayland. *(Double-blinded peer-review)*
28. *Heliodon: Automated and Integrated,* American Solar Energy Society, Annual Conference Proceedings, July 2006, Denver, CO; Kevin Van Den Wymelenberg (PI), Craig Cornwall, Adam Stoelting. *(Double-blinded peer-review)*

29. *Daylighting Lab Operations and Management Plan*, American Solar Energy Society, Annual Conference Proceedings, May 2006; Kevin Van Den Wymelenberg (PI), Joel Loveland, Christopher Meek. (Double-blinded peer-review)
30. *The Seattle Justice Center, Visual Comfort*, American Solar Energy Society, 33rd Annual Conference Proceedings, Portland, OR, July 11-14 2004; Kevin Van Den Wymelenberg, Joel Loveland (PI), Christopher Meek. (Double-blinded peer-review)

Peer-reviewed Conference Papers (with abstract review):

1. *Shut the front door: seasonal patterns in window operation drive fungal and bacterial community dissimilarity between indoor and outdoor air*; in Indoor Air Conference, July 22-27, 2018, Philadelphia, PA; Roo Vandegrift, Suzanne L. Ishaq, Jeff Kline, Ashkaan Fahimipour, Jason Stenson, Ryann Crowley, Hannah Wilson, Dale Northcutt, Erica Hartmann, Deborah Johnson-Shelton (Co-I), G.Z. Brown (PI), Jessica Green (Co-I), Kevin Van Den Wymelenberg (Co-I). (Single-blinded peer-review)
2. *Microscopic roommates: the biological sources of indoor air bacteria of single-family homes in Portland, Oregon*; in Indoor Air Conference, July 22-27, 2018, Philadelphia, PA; Suzanne L. Ishaq, Roo Vandegrift, Jeff Kline, Ashkaan Fahimipour, Jason Stenson, Ryann Crowley, Hannah Wilson, Dale Northcutt, Erica Hartmann, Deb Johnson-Shelton (Co-I), G.Z. Brown (PI), Jessica Green (Co-I), Kevin Van Den Wymelenberg (Co-I). (Single-blinded peer-review)
3. *Antibiotic resistance and antimicrobial chemicals In the built environment*, In Ecological Society of America (ESA) Conference, August 6-11, 2017, Portland, OR; Erica Hartmann, Roxana Hickey, Tiffany Hsu (S), Jing Chen (S), Clarisse M. Betancourt Román, Adam J. Glawe (S), Jeff Kline, Kevin Van Den Wymelenberg (PI), G.Z. (Charlie) Brown (Co-I), Rolf U. Halden (Co-I), Curtis Huttenhower (Co-I), Jessica L. Green (Co-I). (Single-blinded peer-review)
4. *Improving Lifeguard Visibility in Aquatics Facilities by Minimizing Glare*, poster and paper in Illuminating Engineering Society Annual Conference Proceedings, August 10-12, 2017, Portland, OR; Denise Blankenberger (S), Rachel Bergseteren Strange (S), Achyuthan Ramaswamy (S), Alen Mahic, Kevin G. Van Den Wymelenberg (PI). (Single-blinded peer-review)
5. *A Comparative Study on Toplighting Strategies in an Academic Building*, poster and paper in Illuminating Engineering Society Annual Conference Proceedings, August 10-12, 2017, Portland, OR; Amir Nezamdoost (S), Rachel Cui (S), Alen Mahić, Joel Mbala-nkanga (S), Haley Nelson (S), Kevin G. Van Den Wymelenberg (PI) (Single-blinded peer-review)
6. *TaskShade™ Prototype Development & Field Tests on University of Oregon Campus*, poster and paper in Illuminating Engineering Society Annual Conference Proceedings, August 10-12, 2017, Portland, OR; Serena Lim (S), Kayla Swanson (S), Gilbert Griffin (S), Marisa Lapin (S), Kevin G. Van Den Wymelenberg (PI). (Single-blinded peer-review)
7. July 2017. Vandegrift, R., A. Fahimipour, J. Kline, A. Manzo, D. Northcutt, J. Stenson, H.E. Wilson, R. Crowley, E. Hartmann, D. Johnson-Shelton (Co-I), G.Z. Brown (PI), J. Green (Co-I), K.G. Van Den Wymelenberg (Co-I). "Impacts of Weatherization on Indoor Fungal Communities." Mycological Society of America Meeting 2017. Athens, GA.

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8. *Analysis of Zero-Net Energy Districts; End Use, Urban Density and Energy Efficiency Prospects*, In iisBE Net Zero Built Environment 2014 Symposium, 17th Rinker International Conference, March 6-7 2014,

Gainesville, FL; Ciera L. Shaver (S), Gunnar R. Gladics, Kevin G. Van Den Wymelenberg (PI). (Single-blinded peer-review)

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9. *Using Post Occupancy Evaluation to Refine and Improve Utility Building Efficiency Programs*, World Energy Engineering Congress, Annual Conference Proceedings, December 2010, Washington DC; Gunnar Gladics, Kevin Van Den Wymelenberg (PI). (Single-blinded peer-review)
10. *A Climate Responsive Design Tool to Promote Passive Low Energy Design*, American Solar Energy Society, Annual Conference Proceedings, May 2009, Buffalo, NY; G.Z. Brown (PI), Kevin Van Den Wymelenberg (PI), Jeff Kline, Ery Djunaedy. (Single-blinded peer-review)
11. *Zero Saving Technologies, Why Commissioning is Needed - M&V Case Studies*, West Coast Energy Managers Congress Annual Conference Proceedings, May 2010, Seattle, WA; Brad Acker, Kevin Van Den Wymelenberg (PI). (Single-blinded peer-review)
12. *Design Lab: Exploring synergies of outreach, research and teaching while innovating classroom design*, American Collegiate Schools of Architecture, Annual Meeting Proceedings, March 2009, Portland, OR; Kevin Van Den Wymelenberg (PI), Jim Coles, Brad Acker, Ery Djunaedy. (Single-blinded peer-review)

Non-peer-reviewed Conference Papers (invited, etc):

1. *Using the Time Delay of Radiant Systems to the Grid's Advantage*, EPI's 4th Annual Energy Policy Research Conference, San Francisco, CA, September 4-5, 2014, Damon Woods (S), Kevin Van Den Wymelenberg (PI), John Gardner (PI).
2. *Strategic Energy Management Planning Using Energy Signatures in Commercial Buildings*, EPI's 4th Annual Energy Policy Research Conference, San Francisco, CA, September 4-5, 2014, Shrief Elsayed Shrief (S), Ralph Budwig, Kevin Van Den Wymelenberg (PI).

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3. *Annual Daylight Performance Metrics*, In Building Synapses: Connections in Lighting, IES Annual Conference Proceedings, Minneapolis, MN, November 11-13 2012, Lisa Heschong (PI). & Kevin Van Den Wymelenberg (Co-I).
4. *Retro-Zero: The Cost of Carbon Neutral Existing Buildings*, 2nd Annual Western Energy Policy Research Conference, Boise, ID, August 30-31, 2012, Gunnar Gladics, Julia Day, Kevin Van Den Wymelenberg (PI).
5. *Prioritizing and Visualizing Energy Management and Control System Data to Provide Actionable Information for Building Operators*, Western Energy Policy Research Conference, Boise, ID, August 25-26, 2011; Carlos Duarte (S), Brad Acker, Ray Grosshans, Milos Manic, Kevin Van Den Wymelenberg (PI), Craig Rieger (PI).

Other Publications:

1. *"The Impact of Lighting and Views on The Workplace of The Future,"* Published online, P. Ward, S. F. Rockcastle, J. Klein, K. Van Den Wymelenberg, August 12, 2019.
<https://buildhealth.uoregon.edu/2019/08/12/university-of-oregon-publishes-white-paper-on-light-views-and-the-workplace-experience/>
2. *"OHSU Sink Splash Zone Investigation and Behavioral Monitoring on 14K Oncology Unit,"* to Oregon Health Sciences University, M. Fretz, J. Stenson, K. Van Den Wymelenberg, June 2019.
3. *"Poynter Middle School, Hillsboro School District, Very High Efficiency Dedicated Outdoor Air System Post-Retrofit Monitoring Results,"* to Northwest Energy Efficiency Alliance, J. Stenson, K. Van Den Wymelenberg, April 2019.

4. *"Acoustic Lab Testing (ASTM E492-2016, ASTM E90-2016) of CLT and MPP Wall and Floor Assemblies for Multi-Family Residential Application,"* to TallWood Design Institute, M. Fretz, D. Northcutt, J. Stenson, E. Zagorec-Marks, K. Van Den Wymelenberg, March 2019.
5. *"BetterAir Environmental Probiotic Treatment: Final Report,"* to BetterAir USA, P. Horve, G. Mhuireach, J. Stenson, R. Vandergrift, K. Van Den Wymelenberg, December 2018.
6. *"King County, Jameson / ArcWeld Buildings Replacement Project, MEP Laboratory Report,"* to MWA Architects, J. Stenson, K. Van Den Wymelenberg, August 2018.
7. *"The Impact of Weatherization on Microbial Ecology and Human Health, Final Report,"* to US EPA, C. Betancourt, G. Brown, G. Cil, R. Clemmer, R. Crowley, S. Davidson, A. Fahimipour, M. Fretz, J. Green, E. Hartmann, R. Hickey, S. Ishaq, D. Johnson-Shelton, J. Kline, W. Koelfgen, S. Long, A. Manzo, L. Marion, G. Mhuireach, J. Stenson, S. Swanson, R. Vandegrift, H. Wilson, K. Van Den Wymelenberg, August 2018.
8. *"Knight Campus, University of Oregon, Daylighting and Glare report #2 issued to Ennead, Bora Architects, and UO CPFM,* S. Rockcastle, A. Mahic, A. Nezamdoost, K. Van Den Wymelenberg, March 2018.
9. *"Knight Campus, University of Oregon, Daylighting and Glare report #1 issued to Ennead, Bora Architects, and UO CPFM,* S. Rockcastle, A. Mahic, A. Nezamdoost, K. Van Den Wymelenberg, February 2018.
10. *"Changing surface coefficients,* T.D. Northcutt, G. Z. Brown, J. Stenson, K. Van Den Wymelenberg, P. Weir August 2017, to Miller Nash Graham & Dunn LLP.
11. *"Report #3 Wärme Und Feuchte Instationär (WUFI) Analysis of PCC Newberg SIP Leakage: Special report for Paul Bennett,"* T.D. Northcutt, G. Z. Brown, J. Stenson, K. Van Den Wymelenberg, P. Weir August 2017, to Miller Nash Graham & Dunn LLP.
12. *"Tykeson Hall, University of Oregon, Daylighting report issued to Rowell Brokaw Architects, Office 52, and UO CPFM,* K. Van Den Wymelenberg, A. Mahic, A. Nezamdoost, June 2017.
13. *"Newberg Center, Portland Community College, Rebuttal Report to MC Consultants Report Defect Issue Report Building Envelope and SIP Investigation,* T.D. Northcutt, G. Z. Brown, J. Stenson, K. Van Den Wymelenberg, P. Weir, June 2017, to Miller Nash Graham & Dunn LLP.
14. *Barbour Residence Heating and Cooling Load v1, v2, v3,* T.D. Northcutt, A. Mahic, K. Van Den Wymelenberg, April 2017, to Living Systems Sustainable Architecture.
15. *Comparison of 2014 Oregon Energy Efficiency Specialty Code Performance to ASHRAE 90.1-2013,* T.D. Northcutt, A. Mahic, K. Van Den Wymelenberg, April 2017, to Oregon Department of Consumer and Business Services.
16. *PCC questions about SIP moisture resistance,* T.D. Northcutt, G. Z. Brown, J. Stenson, K. Van Den Wymelenberg, April 2017, to Miller Nash Graham & Dunn LLP.
17. *Report #3 Jefferson Library Energy Modeling,* T.D. Northcutt, G. Z. Brown, G. Mhuireach, K. Van Den Wymelenberg, March 2017, to Rowell Brokaw Architects.
18. *Energy Plus Mid Rise Model Technical Review,* T.D. Northcutt, A. Mahic, and K. Van Den Wymelenberg, February 2017, to Solarc Energy Group.
19. *IR Camera Vignetting,* T.D. Northcutt, D. Blankenberger, and K. Van Den Wymelenberg, January 2017, internal.
20. *Mass temperature at different depths,* T.D. Northcutt, K. Van Den Wymelenberg, December 2016, to Systems West Engineers.
21. *Report #2 Jefferson Library Energy Modeling,* T.D. Northcutt, G. Z. Brown, G. Mhuireach, K. Van Den Wymelenberg, November 2016, to Rowell Brokaw Architects.

22. *Newberg Center, Portland Community College, Report of Investigation of Failure of Roof Assembly*, T.D. Northcutt, G. Z. Brown, J. Stenson, K. Van Den Wymelenberg, P. Weir, November 2016, to Miller Nash Graham & Dunn LLP.
23. *City of Springfield CLT Parking Structure report #2 on wind-driven rain field testing*, May, 2016, Ward, P., Kline, J., K. Van Den Wymelenberg.
24. *Report #N Wärme Und Feuchte Instationär (WUFI) Analysis of PCC Newberg SIP Leakage: Climate, Building data, and Physical testing*, T.D. Northcutt, G. Z. Brown, J. Stenson, K. Van Den Wymelenberg, P. Weir, October 2016, to Miller Nash Graham & Dunn LLP.
25. *Report #N Wärme Und Feuchte Instationär (WUFI) Analysis of PCC Newberg SIP Leakage: PBS007 with and without nails & PBS 008 with screws*, T.D. Northcutt, G. Z. Brown, J. Stenson, K. Van Den Wymelenberg, P. Weir, October 2016, to Miller Nash Graham & Dunn LLP.
26. *City of Springfield CLT Parking Structure report #1 on wind-driven rain field testing and weather data*, May, 2016, Ward, P., Kline, J., K. Van Den Wymelenberg.
27. *University of Oregon - Internal Energy Conservation Opportunities*. May, 2016, Ward, P., Kline, J., Hatten, M., Brown, G.Z., , K. Van Den Wymelenberg

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28. *Identification of Discomfort Glare Sources From Vertical Fenestration And Occupant Control Strategies*; Technical Report – 130112-01, Illuminating Engineering Society, Submitted 2013.11.15, Released 2014.05.08; Kevin G. Van Den Wymelenberg. (*Open peer-review*)

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29. *Evaluating Human Visual Preference and Performance in an Office Environment Using Luminance-based Metrics*, PhD Dissertation, University of Washington – College of Built Environments, Summer 2012, Kevin Van Den Wymelenberg.
30. *Lighting Measurement #83 (LM-83), Spatial Daylight Autonomy and Annual Sunlight Exposure*, July 2012, Illuminating Engineering Society of North America - Daylight Metrics Committee (Vice Chair). (*Open peer-review*)
31. *Northwest Net Zero Homes: An investigation of Five Homes that Targeted Net Zero Energy Use*. Northwest Energy Efficiency Alliance, Jake Dunn, Gunnar Gladics & Kevin Van Den Wymelenberg, April 1, 2011. Available at: <http://www.northwestenergystar.com/partners/blog/2011/06/08/nw-net-zero-homes-report>
32. *Energy Efficiency and Conservation Task Force Report*, October 2010, Idaho Strategic Energy Alliance Energy Efficiency and Conservation Task Force (Task Force Chair).
33. *Energy Efficiency and Conservation Task Force Report*, June 2009, Idaho Strategic Energy Alliance Energy Efficiency and Conservation Task Force (Task Force Member).
34. *High-Performance Idaho?*, Northwest Energy News + Analysis, nwcurrent.com, May, 31, 2006; Kevin Van Den Wymelenberg.
35. *Daylighting Lab Operations & Management Plan*, The Lighting Research Center, Daylight Dividends, Rensselaer Polytechnic Institute, December 2005; Kevin Van Den Wymelenberg, Joel Loveland, Christopher Meek. (*Open peer-review*)
36. *Traces of Light, Silence and Solitude: A Franciscan Hermitage in the North Cascades*, Master's of Architecture Thesis, University of Washington – College of Architecture and Urban Planning, Fall 2002, Kevin Van Den Wymelenberg.

Other Creative Activities:

1. Kline, J, Hetrick, D., Curliss, F., Ishaq, S., Rosenberg, S., Lloyd, S., Zimmerman, M., Van Den Wymelenberg, K. "Light Box Video." Eugene, OR: University of Oregon, 2019. <https://vimeo.com/316843800>.
2. Photographs for book cover and content of several buildings (NBBJ NYC Offices, Mt. Angel Library Oregon, Ash Creek Intermediate School in Oregon, Ben Franklin Elementary School in Seattle, Yesler Community Center in Seattle, Endeavor Elementary School in Idaho, Center for Advanced Energy Studies in Idaho, Ada Co. Administration in Idaho, Donnelly Elementary School in Idaho), IES RP-5-13 – Recommended Practice for Daylighting Buildings: Illuminating Engineering Society of North America, K. G. Van Den Wymelenberg, C. Meek, N. Huboff, G. Gladics - 2013.
3. Energy Efficiency Diagnostic Tool Loan Library, <http://www.idlboise.com/tool-loan-library>, 2010-2015.
4. Integrated Design Lecture Series Online Archive, <http://www.idlboise.com/video-archives>, 2006-2015.
5. High Performance Building Case Studies Web Site, <http://www.idlboise.com/case-studies>, 2004-2015.
6. *Daylighting Podcast Series*, Illuminating Engineering Society of North America, (5) 25 podcasts with Matthew Tanteri and Christopher Meek, released in 2012.
(<http://www.youtube.com/watch?v=xKM2EcBY1D0> <http://www.youtube.com/watch?v=3XWhAQYiUM4>
<http://www.youtube.com/watch?v=Q9wrp4mjiJQ> <http://www.youtube.com/watch?v=StNjQvw56JI>
<http://www.youtube.com/watch?v=6yClzSnwcRke>)
7. eLAD – eLearning platform for commercial building lighting and daylighting systems, Lawrence Berkeley Lab; contributing author, 2010-2012. (http://www.su-per-b.org/projects_elad.html)
8. *Ten Daylit Spaces in the PNW*, Faculty Exhibition, Prichard Art Gallery, color photography, December 2011 – January 2012.
9. *Daylighting design: human health, productivity and energy savings*; Building a Greener Idaho, Boise Radio, 30-minute radio interview with host Sharon Patterson, January 24, 2012.
10. Daylight Patterns Guide Web Tool, www.patternguide.advancedbuildings.net, 2009-2011, with Chris Meek, University of Washington.
11. Passive Design Strategy Calculation Web Tool, <http://www.idlboise.com/design-tool/passive-design-strategy-calculators>, 2011.
12. *Photographs of Terry Thomas Building and Pierce County Environmental Services Building*, Tenth ed. Of The Lighting Handbook. pp. 14.2, 19.3: Illuminating Engineering Society of North America, K. G. Van Den Wymelenberg and C. Meek, 2011.
13. *Photographs of Terry Thomas Building*, High Performance Buildings, vol. 3, no. 3, pp. Cover, 26, 29, 33, 34, K. G. Van Den Wymelenberg and C. Meek, Summer-2010.
14. Carbon Neutral Building Initiative Web Site, www.buildingcarbonneutral.org, 2007-2008, with G.Z. Brown, University of Oregon.
15. Climate Responsive Design Web Tool, www.idlboise.com/design-tool/climate-responsive-design-web-tool, 2007-2008, with G.Z. Brown, University of Oregon.

Popular Press, Interviews, Newspaper Articles:

1. *Several BioBE blog posts and news events available here:* <http://biobe.uoregon.edu/>
 - Kline, J, Hetrick, D., Curliss, F., Ishaq, S., Rosenberg, S., Lloyd, S., Zimmerman, M., Van Den Wymelenberg, K. "Light Box Video." Eugene, OR: University of Oregon, 2019. <https://vimeo.com/316843800>.
2. *Several ESBL blog posts and news events available here:* <https://blogs.uoregon.edu/esbl/>
3. *Health and Wellbeing Concerns Bring Us Back to Daylight*, Lightshow West, May 21, 2019 Available at: <https://www.lightshowwest.com/health-and-wellbeing-concerns-bring-us-back-to-daylighting>
4. *Three Unique Research and Commercialization Projects Move Forward with New Oregon Inc Funding*, by Nathan Buehler, April 20, 2018, Available at: <http://www.oregon4biz.com/News-&Media/index.php?a=199>
5. *The Right Environment: Kevin Van Den Wymelenberg on Increasing Demands for Lighting Controls in 2019 and Beyond*, Metropolis, February 25, 2019, Available at:



<https://www.metropolismag.com/design/lighting/the-right-environment-kevin-van-den-wymelenberg-on-increasing-demands-for-lighting-controls-in-2019-and-beyond/>

6. *New Institute for Health in the Built Environment Formed at the University of Oregon*, Planetizen, by James Brasuell, March 31, 2018, Available at: <https://www.planetizen.com/news/2018/03/97997-new-institute-health-built-environment-formed-university-oregon>
7. *Automating Light*, Architectural Lighting, February 13, 2018, Available at: https://www.archlighting.com/technology/new-technologies-in-architectural-lighting-for-designers_s
8. *The Next Big Thing in Healthy Building is Microscopic*, Metal Architecture, by Alan Scott, July 5, 2017, Available at: <http://www.metalarchitecture.com/articles/columns/the-next-big-thing-in-healthy-building-is-microscopic.aspx>
9. *Will cities of the future embrace bacteria?*, Mother Nature Network; Starre Vartan, February 14, 2017, Available at: <https://www.mnn.com/health/healthy-spaces/blogs/will-cities-future-embrace-bacteria>
10. *What is the Right Way to Wash Your Hands?* The Atlantic, Sarah Zhang, January 23, 2017, Available at: <https://www.theatlantic.com/health/archive/2017/01/clean-hand-hygiene/513536/>
11. *The City of Tomorrow Is A Petri Dish—By Design*, FastCoDesign; by Mark Wilson, November 3, 2016, Available at: <https://www.fastcodesign.com/3065152/the-city-of-tomorrow-is-a-petri-dish-by-design>
12. *Annual Daylighting Performance Metrics, Explained*; Architectural Lighting; Kevin Van Den Wymelenberg, Alen Mahić; April 12, 2016, Available at: http://www.archlighting.com/technology/annual-daylighting-performance-metrics-explained_o
13. *New building technology being put to the test*, Daily Journal of Commerce Oregon; by Beverly Corbell, March 25, 2016, Available at: <http://djcoregon.com/news/2016/03/25/new-technology-for-the-building-industry-being-put-to-the-test/>

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14. *Twitter Interview (Twitterview)*; by Susan S. Szenasy, Publisher and Editor in Chief of Metropolis Magazine, 60-minutes with three other panelists, April 1, 2015.
15. *Workers In Windowless Offices Lose 46 Minutes Of Sleep A Night*, FastCoDesign; by Eric Jaffe, August 5, 2014, Available at: <https://www.fastcodesign.com/3033998/workers-in-windowless-offices-lose-46-minutes-of-sleep-a-night>
16. *Energy Retrofits catch on in the Treasure Valley*, Idaho Statesman Business Insider, January 15, 2014.
17. *Designing for Efficiency – Idaho’s Integrated Design Lab is Building the Future*, Northwest Power and Conservation Council, Blog, November, 2013, Available at: <http://www.nwccouncil.org/news/blog/idaho-lighting-design-lab>

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18. *New Pilot Unlocks Deep Energy Efficiency in Buildings*, Electric Energy Online, by Alicia Healey, June 13, 2013, Available at: <https://nwenergy.org/news/new-pilot-unlocks-deep-energy-efficiency-in-buildings/>.
19. *LD+A Book Review: Daylighting Design in the Pacific Northwest, March, 2013*, by Fred Oberkircher in Lighting Design + Application; <http://www.idlboise.com/news/lda-reviews-daylighting-design-pacific-northwest>
20. *Boise competition has buildings vying for energy efficiency supremacy*, March 2013, <http://idahobusinessreview.com/wp-content/plugins/tdc-sociable-toolbar/wp-print.php?p=82972>
21. *Online Pattern Guide Models Daylighting Strategies December, 2011*, Lighting.com; Available at: <http://lighting.com/daylighting-pattern-guide/>

22. *INL Participates in Canadian National Research Council office environment study*, December 2011, Available at:
https://inlportal.inl.gov/portal/server.pt?open=514&objID=1269&mode=2&featurestory=DA_566089
23. *The University of Idaho's Integrated Design Lab: An important partner in Idaho Power's energy-saving efforts*, October, 2011, Available at:
<http://www.idahopower.com/pdfs/EnergyEfficiency/BusinessSuccessStories/IdahoDesignLabEnergyEfficiencySuccess%20Story.pdf>
24. *Energy Gets a Boost: Exploring the means for productive power*, pp. 16-22, July 2011, Boise Valley Spotlight – Boise Metro Chamber of Commerce, Available at:
http://www.boisechamber.org/cwt/external/wcpages/boise%20profile%20flashbook%202011/boise_fbook.html
25. *Idaho Business Review announces Accomplished Under 40*, Idaho Business Review, May 5, 2011;
<http://idahobusinessreview.com/2011/05/05/idaho-business-review-announces-accomplished-under-40/>
26. *Energy Efficiency: It's an Economic Imperative*. Innovation – America's Journal of Technology Commercialization, v.9, n.3, June-July, 2011; <http://www.innovation-america.org/archive/june-july-2011>
27. *U of I Students on Cutting Edge of Green Building Design*, Fox 12 News, April 14, 2011,
<http://www.12ktrv.com/story/14451287/u-of-i-students-on-cutting-edge-of-green-building-design>
28. *It's Your Business – University of Idaho Integrated Design Lab*, KTVB, April 13, 2011.
29. *INL participates in Canadian National Research Council office environment study*, December 2010,
https://inlportal.inl.gov/portal/server.pt?open=514&objID=1269&mode=2&featurestory=DA_566089.
30. *Idaho's energy projects point to future*, Idaho Business Review; September 3, 2010.
31. *New energy efficiency research center moves ahead*, Idaho Business Review; October 4, 2010.
32. *Idaho Public Utilities Commission approves Idaho Power participation in NEEA*, Idaho Business Review; May 19, 2010.
33. *2009 Grow Smart awards honor vibrant communities*, Idaho Business Review; November 2, 2009.
34. *Slow start for Idaho in race for low-carbon structures – Construction Review*, Idaho Business Review; August 17, 2009.
35. *University of Idaho Lab's Work Aids Idaho Power's Energy Efficiency Initiatives*, Idaho Business Review; April 20, 2009.
36. *Top Projects showcase construction industry talent – Construction Review*, Idaho Business Review; December 22, 2008.
37. *Green Scene - University of Idaho's Integrated Design Lab*, Sources+Design Magazine; September 2008.
38. *Universities team up for green building course*, Idaho Business Review; October 31, 2008.
39. *Early Simulations Improve Building Performance*, Idaho Business Review; August 27, 2007.
40. *New Nampa School Set Up To Test Energy*, Idaho Statesman; April 22, 2007.
41. *Endeavor Elementary School Seeks to Save Energy*, Idaho Press Tribune; March 26, 2007.
42. *Idaho - On the Cutting Edge*, Idaho Business Review; January 15, 2007.
43. *Lab Uses Green Office as Guinea Pig*, Idaho Statesman; August 17, 2006.
44. *Going 'Green' Catches On In Idaho*, Idaho Business Review; January 16, 2006.
45. *School Districts Adopt 'Daylighting' In Building Design*, Idaho Business Review; October 24, 2005.
46. *Designers, engineers honored for Idaho 'green' building work*, Idaho Business Review; October 17, 2005.
47. *New Boise Lab Helps Designers Go Green*, Idaho Business Review; November 15, 2004.
48. *Green Designs Gain Momentum*, Idaho Business Review, Idaho Business Review; November 15, 2004.

49. *New Lab Will Shed Light on Saving Energy*, Idaho Statesman; October 5, 2004.
50. *New Integrated Design Lab opens in Boise*, Idaho Business Review; August 16, 2004.
51. *Boise Lab Focuses On Workplace Windows*, Idaho Statesman; May 23, 2004.
52. *The Greening of Idaho*, www.betterbricks.com; March, 2004.
53. *New Integrated Design Lab Opens in Boise*, www.betterbricks.com; February 2004.
54. *Sky Lab*, Metropolis; May 2003.

Professional Meetings, Presentations, Workshops:

International

1. December 2019, Daylight Design and Human Health, 60-minute presentation, Aalborg University, Copenhagen Denmark.
2. October 2019, IHBE + Siemens Research Collaboration Proposals, 8-hour research & development pitch day, Siemens World Headquarters, Zug, Switzerland.
3. October 2019, Daylight and the Indoor Microbiome, 20-minute presentation, Daylight Symposium hosted by Velux, Paris, France.
4. October 2019, guest facilitator of 8-hour workshop, Daylight Symposium hosted by Velux, Paris, France.
5. June 2019, *Lighting the UnSeen, 60-minute Keynote Presentation*, Commission Internationale de l'Eclairage (CIE), 29th Quadrennial Session of the CIE.
6. March 2019, *Comprehensive Performance Monitoring of a Mass Timber Building*, 30-minute presentation with Jason Stenson, International Mass Timber Conference, Portland, OR.
7. October 2018, *Why you should be interested in smart buildings*, in IECON 2018 the 44th Annual Conference of the IEEE Industrial Electronics Society, October 21-23, 2018, Washington DC; 2-hour panel discussion with moderator Gerhard Zucker (Austria), and panelists Alicja Kwasniewska (Intel, USA), John Petze (Haystack, USA), Sahil Diwan (Siemens, USA), Jacek Ruminski (Poland), Kevin Van Den Wymelenberg, University of Oregon.
Jacek Ruminski, Gdansk University of Technology. (Single-blinded peer-review)
8. March 2018, Winclove webinar, *Designing Healthier Buildings and Spaces: Winclove Headquarters – Aspiring to be Home to the World's Healthiest Indoor Microbiome*, 45-minute presentation with Sue Ishaq, webinar to Winclove world headquarters, Amsterdam, Netherlands.
9. March 2018, *Net-Zero Energy TallWood Design*, 20-minute presentation with Denise Blankenberger, International Mass Timber Conference, Portland, OR.
10. August 2017, 16th Annual International Radiance Workshop, *Welcome to the 2017 Annual Radiance Workshop*: (Organized and hosted the 3-day workshop), University of Oregon Energy Studies in Buildings Laboratory, 30-minute kick-off presentation to 3-day workshop, Portland, OR.
11. August 2017, International Building Performance Simulation Association Conference, *Next steps for Daylight Performance Metrics and Simulation*, moderated 60-minute panel discussion with Michael Donn, Lisa Heschong, Alstan Jakubiec, John Mardaljevic, Liam O'Brien, San Francisco, CA.
12. February 2017, Holzbau Pacific Northwest Conference, *Recent R&D on Indoor Thermal Performance & Post-Occupancy Analysis*, 30-minute presentation with Andrew Loia, Vancouver, British Columbia, Canada.

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13. November 2015, Greenbuild International Conference and Expo 2015, *How LEED v4 will Drastically Change Daylighting*, 60-minute presentation with Tom Hootman, Dan Glaser, Dane Sanders, Washington DC.
14. May 2014, Illuminating Engineering Society, *Daylighting Educational Tour 2013-2014*, 90-minute webinar lecture –Nova Scotia, Canada.
15. May 2014, Illuminating Engineering Society, *Daylighting Educational Tour 2013-2014*, 90-minute lecture – Montreal, Quebec, Canada.
16. February 2014, Illuminating Engineering Society, *Daylighting Educational Tour 2013-2014*, 90-minute lecture –Halifax, Nova Scotia, Canada.
17. February 2014, Illuminating Engineering Society, *Daylighting Educational Tour 2013-2014*, 90-minute lecture – Moncton, New Brunswick, Canada.
18. February 2014, Illuminating Engineering Society, *Daylighting Educational Tour 2013-2014*, 90-minute lecture – Fredericton, New Brunswick, Canada.
19. October 2013, Human Centric Lighting Committee, *Human Visual Preference & Luminance Metrics*, 60-minute international webinar.
20. August 2013, 12th International Radiance Workshop, *Glare Metrics*, 90-minute presentation with Jan Wienold - Golden, CO.
21. August 2013, 12th International Radiance Workshop, *A Contrast of Manual Blind Control Algorithms with Whole-Building Energy Implications*, 30-minute presentation - Golden, CO.
22. August 2013, 12th International Radiance Workshop, *Spatial Daylight Autonomy and Annual Sunlight Exposure – The LM-83 Radiance Script*, 30-minute presentation with Ery Djunaedy - Golden, CO.

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23. September 2012, IES Daylight Metrics Committee, *Luminance Preference Research*, 30-minute international webinar.
24. December 2011, New Buildings Institute Webinar, *The Daylight Pattern Guide: Developing a Visual Vocabulary for Daylighting Design Decision Making*, 60-minute international webinar (live + recorded) to 700+ participants with Christopher Meek – online [available - <https://www3.gotomeeting.com/register/933652782>].
25. June 2010, Tallinn University of Technology PhD Curriculum, *Passive Design Strategies + High Performance Envelopes*, 4-day (32-hours) Intensive Summer PhD Course with Rob Peña, Tallinn, Estonia.
26. October 2009, 2009 International Radiance Workshop - *A Comparative Discussion; Using Radiance, DAYSIM and Physical Models in Architectural Practice*, 0.5-hour presentation – Harvard Graduate School of Design, Cambridge, MA.
27. June 2009, Passive and Low Energy Architecture 2009 Conference - *A Study of Luminance Distribution Patterns and Occupants' Preferences in Daylit Offices*, Passive and Low Energy Architecture, 0.5-hour presentation - Quebec City, Canada.

National

28. November 2019, *Re-Imagining Daylight: How Daylight Improves Health, Well-being, Productivity, and Energy-Efficiency*, 90-minutes lecture with Siobhan Rockcastle, Pacific Energy Center, San Francisco, CA.
29. November 2019, *Putting the DESIGN back into Daylighting Design Analysis*, 3-hour workshop with Siobhan Rockcastle, Pacific Energy Center, San Francisco, CA.
30. November 2019, *Microbiology of the Built Environment, Making Design Decisions Right Now*, 30-minute

- discussion, Banbury Center Cold Spring Harbor Laboratory workshop on Microbiology of the Built Environment, Long Island, NY.
31. June 2019, *Efficiency and Resiliency in Federal Building Design & Construction*, 2-hour testimony with Kevin Kampschroer, Elizabeth Beardsley, and Mark Russell, U.S. House of Representatives, Committee on Transportation and Infrastructure, Subcommittee on Economic Development, Public Buildings, and Emergency Management.
 32. May 2019, *In the Beginning There was Daylight*, 60-minute presentation with Brent Protzman and Michelle McGuire, LightFair International, Philadelphia, PA.
 33. May 2019, *Image-based Human-centric Daylight Assessment*, 90-minute presentation with Richard Mistrick and Siobhan Rockcastle, LightFair International, Philadelphia, PA.
 34. May 2019, *Visualizing Innovations in Daylight Modelling*, 60-minute presentation with Daniel Glaser and Matthew Tanteri, LightFair International, Philadelphia, PA.
 35. April 2019, *Daylighting the UnSeen*, 60-minute Keynote, Daylighting Symposium, California Energy Commission, Sacramento, CA.
 36. April 2019, *How Healthcare Engineers Are Also Healthcare Professionals*, ASHRAE Technical Conference, ASHRAE Idaho Chapter, 60-minute presentation, Boise, ID.
 37. April 2019, *Healthcare Design and Operations*, 60-minute panel discussion with Jesse Barnum and Kishor Khankari, ASHRAE Technical Conference, ASHRAE Idaho Chapter, Boise, ID.
 38. February 2019, *Manual Blind Use Behavior Computational Algorithm Proposal*, Daylight Metrics Committee, 90-minute webinar.
 39. October 2018, *HDR Photography for Evaluation and Design of Daylighting & Electric Lighting*, 8-hour workshop with Alen Mahić, Pacific Energy Center, San Francisco, CA.
 40. October 2018, *HDR Photography for Evaluation and Design of Daylighting & Electric Lighting*, 8-hour workshop with Alen Mahić, Pacific Energy Center, San Francisco, CA.
 41. August-September 2018, Biology and the Built Environment Center – The Indoor Microbiome, Rhode Island School of Design Nature Lab’s 80th anniversary celebrations at the Woods-Gerry Gallery, Providence, Rhode Island.
 42. August 2018, *Manual Blind Studies in Commercial Buildings Update*, 60-minute presentation, Attachments Energy Rating Council – Attachments Operation Schedule Committee, online webinar.
 43. July 2018, *Institute for Health in the Built Environment*, 60-minute presentation with Siobhahn Rockcastle, hosting Siemens Corporation in Eugene, OR.
 44. July 2018, *Annual Daylight Metrics and Human Behavior*, 90-minute presentation, online webinar to IES Daylight Metrics Committee, New York City, NY.
 45. May 2018, *Designing for Microbiology and Energy in the Built Environment*, 25-minute presentation, Harvard Healthcare Symposium, Harvard University, Cambridge, MA.
 46. April 2018, *Institute for Health in the Built Environment*, 60-minute presentation with Mark Fretz, online webinar to Fujitsu, New York City, NY.
 47. April 2018, *Net-zero Energy TallWood Mass Timber Design*, 60-minute presentation with Denise Blankenberger, Iain MacDonald, and Juliana Ruble, online webinar to Hickok Cole Architects, Washington, DC.
 48. March 2018, *Manual Blind Studies in Commercial Buildings Update*, 60-minute presentation with Amir Nezamdoost, Attachments Energy Rating Council – Attachments Operation Schedule Committee, online webinar.

49. December 2017, *Manual Blind Studies in Commercial Buildings Update*, 60-minute presentation with Amir Nezamdoost, Attachments Energy Rating Council – Attachments Operation Schedule Committee, online webinar.
50. November 2017, *Architecture 2030: Inside the Challenge*, 45-minute presentation, AIA Oregon Awards, Portland, OR.
51. November 2017, *DOE SSL LEDs and Daylighting Panel: Designing Buildings for Humans*, 2-hour Panel with Jim Broderick and Andrea Wilkerson (DOE/PNN), Craig Casey (Lutron), Jennifer Scheib (UC Boulder/Rocky Mountain Lighting Academy), Galen Burrell (UC Boulder/ARUP), DOE SSL Annual Meeting, Portland, OR.
52. November 2017, *HDR Photography for Evaluation and Design of Daylighting & Electric Lighting*, 8-hour workshop with Alen Mahić, Pacific Energy Center, San Francisco, CA.
53. September 2017, General Services Administration Buildings and Health Convening, 2-day workshop invited participant, Washington DC.
54. August 2017, *Improving Lifeguard Visibility in Aquatics Facilities by Minimizing Glare*, 3-hour poster session, Illuminating Engineering Society Annual Conference, Portland, OR.
55. August 2017, *A Comparative Study on Toplighting Strategies in an Academic Building*, 3-hour poster session, Illuminating Engineering Society Annual Conference, Portland, OR.
56. August 2017, *TaskShade™ Prototype Development & Field Tests on University of Oregon Campus*, 3-hour poster session with Serena Lim, Illuminating Engineering Society Annual Conference, Portland, OR.
57. August 2017, *Introduction to ESBL & BioBE Research*, two-hour workshop with Jason Stenson, Alejandro Manzo, Amir Nezamdoost, Illuminating Engineering Society Annual Conference – Emerging Leaders Forum, Portland, OR.
58. May 2017, *Launching the Health + Energy Research Consortium*, 1.5-day workshop with Jessica Green and research members at ESBL & BioBE, University of Oregon, Portland, OR.
59. April 2017, *Manual Blind Studies in Commercial Buildings*, 60-minute presentation with Amir Nezamdoost, Attachments Energy Rating Council – Attachments Operation Schedule Committee, online webinar.
60. March 2017, *Biology & Buildings: Indoor Environments & Human Health*, 30-minute presentation with Roo Vandegrift, AIA Design + Health Research Consortium Annual Meeting, Detroit, MI.
61. March 2017, *Post-occupancy Performance Evaluation of Mass Timber Buildings*, 20-minute presentation with Mariapaola Riggio, International Mass Timber Conference, Portland, OR.
62. October 2016, *Perspectives on Building Design and Commissioning*, 60-minute presentation and panel discussion with Robin Guenther, Meeting #3 of the National Academy of Sciences Committee on Microbiomes of the Built Environment. Irvine, CA.
63. October 2016, *A Summary of: A Comparative Study of Spatial Daylit Area Drawings with Annual Climate-based Simulation Using Multiple Blind Control Patterns and Point-in-Time Simulation*, 60-minute presentation, Attachments Energy Rating Council – Attachments Operation Schedule Committee, online webinar.
64. September 2016, *HDR Photography for Evaluation and Design of Daylighting & Electric Lighting*, 8-hour workshop with Alen Mahić, Pacific Energy Center, San Francisco, CA.
65. July 2016, *Emerging Perspectives on Exposure Assessments. A retrospective and research agenda from a large center*, 30-minute presentation with Jessica L. Green, The 5th Alfred P. Sloan Foundation Conference of Microbiology of the Built Environment, Boulder, CO.
66. May 2016, *Transforming Architecture: A Festschrift Event in honor of G.Z. Brown*, 8-hour workshop, Eugene, OR.

67. April 2016, LightFair International, LightFair Institute, *Daylighting Patterns and Energy Performance*, 90-minute workshop with Christopher Meek – San Diego, CA.

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68. November 2015, Illuminating Engineering Society Annual Conference, *Transforming Daylighting Research into Lighting Design Practice*, 30-minute invited presentation, Indianapolis, ID.

69. May 2015, LightFair International, LightFair Institute, *Case Studies of Daylighting Strategies and Energy Performance*, 90-minute workshop with Christopher Meek – New York City, NY.

70. May 2015, LightFair International, LightFair Institute, *Daylight Fundamentals: Design and Analysis Strategies for Comfortable and Energy Efficient Buildings*, 1-day (7-hours) workshop with Christopher Meek – New York City, NY.

71. April 2015, Illuminating Engineering Society, *Daylighting Educational Tour 2015*, 90-minute lecture – Cleveland, OH.

72. April 2015, Illuminating Engineering Society, *Daylighting Educational Tour 2015*, 90-minute lecture – Toledo, OH.

73. April 2015, Illuminating Engineering Society, *Daylighting Educational Tour 2015*, 90-minute lecture – Detroit, MI.

74. March 2015, Illuminating Engineering Society with Carnegie Mellon University's Center for Building Performance and Diagnostics, *Daylighting Educational Tour 2015*, 90-minute lecture – Pittsburgh, PA.

75. February 2015, Illuminating Engineering Society, *Daylighting Educational Tour 2015*, 90-minute lecture – Cincinnati, OH.

76. February 2015, Illuminating Engineering Society, *Daylighting Educational Tour 2015*, 90-minute lecture – Indianapolis, IN.

77. November 2014, City University of New York - CCNY, *Daylighting Seminar*, 90-minute lecture invited by Gonzalez and Volkmann – delivered online, New York City, NY.

78. October 2014, ASHRAE Golden Gate Chapter / UC Berkeley Center for Built Environment / PG&E Pacific Energy Center, *Glass in Architecture: Balancing Beauty, Light, Air, Comfort and Energy*, 7-hour workshop with Charles Eley, Paul Woolford (HOK), Stephen Selkowitz (LBNL), Daniel Murtagh (Boston Properties), Sandra Mendler (Mithun), Erin McConahey (ARUP), Michael Tillou (Atelier Ten) – San Francisco, CA.

79. August 2014, ACEEE Summer Study on Energy Efficient Buildings, *Merging the Power of Simulation with the Simplicity of a Spreadsheet: Heat Pump Savings Calculator*, 30-minute presentation, Asilomar, CA.

80. June 2014, LightFair International, LightFair Institute, *Ecology of Light: Ten Steps to Daylighting Success*, 90-minute workshop with Christopher Meek – Las Vegas, NV.

81. June 2014, LightFair International, LightFair Institute, *Daylight Fundamentals: Design and Analysis Strategies for Comfortable and Energy Efficient Buildings*, 1-day (7-hours) workshop with Christopher Meek – Las Vegas, NV.

82. May 2014, City University of New York - CCNY, *Lighting and Sustainability Panel Discussion*, 2-hour panel discussion invited by Gonzalez, New York City, NY.

83. April 2014, Illuminating Engineering Society, *Daylighting Educational Tour 2013-2014*, 90-minute lecture – Denver, CO.

84. March 2014, Illuminating Engineering Society, *Daylighting Educational Tour 2013-2014*, 90-minute lecture – Wichita, KS.

85. February 2014, Illuminating Engineering Society, *Daylighting Educational Tour 2013-2014*, 90-minute lecture – Phoenix, AZ.

86. January 2014, Illuminating Engineering Society, *Daylighting Educational Tour 2013-2014*, 90-minute lecture – Omaha, NE.
87. January 2014, Illuminating Engineering Society, *Daylighting Educational Tour 2013-2014*, 90-minute lecture – Des Moines, IA.
88. January 2014, National Institute of Buildings Sciences Annual Conference, *Pursuing luminance-based lighting design guidance for the low-vision population*, 30-minute lecture – Washington DC.
89. December 2013, Illuminating Engineering Society, *Daylighting Educational Tour 2013-2014*, 90-minute lecture - Minneapolis, MN.
90. October 2013, Illuminating Engineering Society Annual Conference, *Limitations of Common Lighting Metrics for Evaluating Human Visual Comfort in Spaces with Daylight*, 30-minute presentation, Long Beach, CA.
91. October 2013, Illuminating Engineering Society Annual Conference, *Toward Resolving Discomfort Glare from Vertical Fenestration*, 30-minute presentation, Long Beach, CA.
92. October 2013, Illuminating Engineering Society Annual Conference, *A Contrast of Manual Blind Control Algorithms with Whole-Building Energy Implications*, 30-minute presentation with Christopher Dyke, Long Beach, CA.
93. October 2013, Illuminating Engineering Society Annual Conference, *Simulation-Based Daylighting Design*, 60-minute presentation with Richard Mistrick, Long Beach, CA.

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94. April 2013, LightFair International, LightFair Institute, *Ecology of Light: Ten Steps to Daylighting Success*, 90-minute workshop – Philadelphia, PA.
95. April 2013, LightFair International, LightFair Institute, *Evaluating Human Visual Preference and Performance in an Office Environment Using Luminance-based Metrics*, 90-minute workshop – Philadelphia, PA.
96. April 2013, LightFair International, LightFair Institute, *Daylight Performance Metrics from Human Studies and Annual Simulation*: 3-hour workshop – Philadelphia, PA.
97. April 2013, LightFair International, LightFair Institute, *Daylight Fundamentals: Design and Analysis Strategies for Comfortable and Energy Efficient Buildings*, 1-day (7-hours) workshop with Christopher Meek – Philadelphia, PA.
98. September 2012, Lecture to Iowa Utilities Board and Office of Consumer Advocacy, *Daylighting and Glare Post-Occupancy Evaluation Analysis*, 90-minute workshop, Des Moines, IA.
99. August 2012, ACEEE Summer Study on Energy Efficient Buildings, *A Decade of Market Transformation in the Pacific Northwest*, 30-minute presentation, Asilomar, CA.
100. June 2012, Society of Building Science Educators Annual Retreat, *Interdisciplinary Team Management and Building Simulation*, 1.5-hour presentation with Jacob Dunn and Sherry McKibben - Boise, ID.
101. May 2012, LightFair International, LightFair Institute, *Annual Daylight Performance Metrics*, 3-hour workshop with Lisa Heschong - Las Vegas, NV.
102. November 2011, Workshop on Energy Security and Resilient Control Systems, *Targeted Energy Management Toolset for Comfort and Savings Based on Advanced Computational Intelligence Techniques*, poster presentation with Milos Manic of University of Idaho Craig Rieger of Idaho National Lab, John Gardner of Boise State University, Washington DC.
103. November 2011, Workshop on Energy Security and Resilient Control Systems, *Existing Targeted Energy Management System Toolset*, 30-minute presentation, Los Angeles, CA.

104. September 2011, New Buildings Institute – Deep Savings in Existing Buildings Summit, *Existing Building Renewal Initiative*, 15-minute presentation, Boulder, CO.
105. May 2011, LightFair International, LightFair Institute, *Daylight Fundamentals: Design and Analysis Strategies for Comfortable and Energy Efficient Buildings*, 2-day (14-hours) workshop with Christopher Meek – Philadelphia, PA.
106. March 2011, Harvard Graduate School of Design, *The Daylight Pattern Guide: Developing a Visual Vocabulary for Daylighting Design Decision Making*, 2-hour workshop with Christopher Meek – Cambridge, MA.
107. May 2010, Daylight Forum 2010, *Delight + Efficiency - Accelerating Daylight as a Light Source for Net Zero Energy Buildings*, 2-hour panel discussion with Lisa Heschong, Hayden McKay, Matthew Tanteri, Neil Digert, and Amy Keller - Las Vegas, NV.
108. May 2010, Daylight Forum 2010, *IES Daylight Metrics Subcommittee Goals and Progress*, 30-minute presentation - Las Vegas, NV.
109. May 2010, LightFair International, LightFair Institute, *Daylight Fundamentals: Design and Analysis Strategies for Comfortable and Energy Efficient Buildings*, 2-day (14-hours) workshop with Christopher Meek - Las Vegas, NV.
110. October 2009, Parsons New School for Design MFA Lighting Program - *High Dynamic Range Imaging as a Luminance Analysis Technique in Buildings*, 2.5-hour workshop - New York City, NY.
111. October 2009, IESNA New York City Chapter Kelly Grant Awards - *Physical Models, Digital Models and Light of the Real*, 1-hour presentation - New York City, NY.
112. May 2009 American Collegiate Schools of Architecture Annual Meeting - *Research Value of Design*, American Collegiate Schools of Architecture 1-hour workshop with GZ Brown, Judy Theodorson and Joel Loveland - Portland, OR.
113. January 2009, Wisconsin Energy Center, *Integrate Design for Energy Efficiency*, two 8-hour workshops and one 1-hour web archived video lecture - Green Bay, Madison, and Delafield, WI.
114. May 2008, LightFair International, LightFair Institute, *Simulating Daylight - A Digital Overview: ECOTECH, Radiance, Daysim, Daylight 1-2-3*, 3-hour workshop with Christoph Reinhart - Las Vegas, NV.
115. May 2008, LightFair International, LightFair Institute, *Simulating Daylight - An Overview of Physical and Digital Modeling*, 3-hour workshop with Christoph Reinhart - Las Vegas, NV.
116. May 2008, Office Ergonomics Research Council, *Office Lighting Ergonomics and Energy Savings*, 0.5-hour presentation - Seattle, WA .
117. July 2007, Society of Building Science Educators Annual Retreat, *The Educational Benefits of Creating Synergies Between Professionals and the Academy*, with G.Z. Brown, Joel Loveland, & Judy Theodorson, two-hour workshop - Bainbridge Island, WA.
118. May 2007, LightFair International, LightFair Institute, *Emerging Daylight Metrics*, 1.5-hour workshop with Lisa Heschong - New York, NY.
119. August 2006, ACEEE, Summer Study on Energy Efficiency in Buildings, *Emerging Daylight Metrics*, 2-hour workshop with Lisa Heschong, David Eijadi, George Loisos, & Susan Ubbelhode - Asilomar, CA.
120. July 2006, Society of Building Science Educators Annual Retreat, *Evolving the Culture of Light for Energy: A Model for Impacting Design Practice*, 1-hour presentation with Christopher Meek - Pingree Park, CO.
121. July 2005, 'Daylighting Working Group' Annual Meeting, *Daylighting Metrics, Methods & Facilities*, 8-hour workshop with G.Z. Brown and Joel Loveland - Seattle, WA.

Regional or Local

122. May 2019, IHBE Annual Meeting, two-day workshop, University of Oregon, Portland, OR.
123. May 2019, *IHBE Research Updates*, 60-minute presentation, Pacific Northwest National Laboratory, Portland, OR.
124. February 2019, *Design the UnSeen*, 60-minute presentation, Microbial Ecology and Theory of Animals Center for Systems Biology, University of Oregon, Eugene, OR.
125. December 2019, *Design the UnSeen*, 30-minute presentation, Board of Trustees, University of Oregon, Eugene, OR.
126. November 2019, *How to cost effectively eliminate carbon emissions from your commercial building: Getting ahead of the regulations*, 60-minute presentation with Jonathan Heller, Bellevue Chamber of Commerce and BOMA Chapter, Bellevue WA.
127. September 2018, *Design the UnSeen*, 60-minute presentation with 60-minute panel discussion, American Institute of Architects, Idaho Chapter AIA Design Awards, Boise, ID.
128. August 2018, *Research Updates from the Institute for Health in the Built Environment*, 60-minute online presentation with Mark Fretz, ARUP, San Francisco, CA.
129. August 2018, *Research Updates from the Institute for Health in the Built Environment*, 60-minute presentation, CO Architects, Los Angeles, CA.
130. May 2018, *Research Updates from the Institute for Health in the Built Environment*, 90-minute presentation, Northwest Energy Efficiency Alliance, Portland, OR.
131. April 2018, *NEB4ZEB Non-Energy Benefits for Net-Zero Energy Buildings*, 45-minute presentation and tour, PNW Chapter of the American Energy Services Providers, Portland, OR.
132. March 2018, *IHBE, ESBL & BioBE Research Updates*, 60-minute presentation, BAR Architects, San Francisco, CA.
133. March 2018, *IHBE, An Ecology of Light – Steps to Daylighting Success*, UC-Berkeley ARCH 140 Introduction to Energy and Environment, 90-minute presentation, Brager and Schiavon, Berkeley, CA.
134. March 2018, *ESBL & BioBE Research Updates*, 60-minute presentation, BAR Architects, San Francisco, CA.
135. March 2018, *Ecology of Light: Daylight Design + Microbiomes of Light*, 60-minute presentation, UC Berkeley Architecture 140 (Brager, Schiavon), Berkeley, CA.
136. February 2018, *UO-OHSU Microbiome Summit*, 4-hour workshop invited participant, Oregon Health Sciences University, Portland, OR.
137. November 2017, *BioBE Center - Designing Healthier Buildings and Spaces*, 20-minute presentation in 4-hour workshop, Oregon State University, NIEHS Environmental Health Sciences Center Relaunch, Corvallis, OR.
138. November 2017, *ESBL & BioBE Research Updates*, 60-minute presentation, Pacific Northwest National Lab, Portland, OR.
139. August 2017, *Annual Energy and Daylight Co-Simulation for More Accurate Representation of Electric Lighting and Shading Controls in Buildings*, 1.25-hour seminar with Alen Mahić and Amir Nezamdoost, Building Energy Simulation Forum, Energy Trust of Oregon, Portland, OR.
140. March 2017, Northwest Energy Efficiency Alliance Commercial and Industrial Efficiency Sector, *ESBL & BioBE Research Updates for NEEA*, 60-minute presentation, Portland Oregon.
141. March 2017, *Natural Ventilation Workshop*, 4-hour workshop with Jeff Kline, Energy Trust of Oregon, Eugene, OR.



- 142. May 2016, *Research Empowers Design Transformation*, 60-minute presentation with G.Z. Brown, Kent Duffy, Jeff Yrazabel, AIA Oregon Design Conference, Gleneden Beach, OR.
- 143. May 2016, Research from UO ESBL and UO BioBE, 60-minute presentation, Oregon State University Wood Science Engineering Seminar Series, Corvallis, OR.
- 144. May 2016, Hacker Architects, *Research from UO ESBL and UO BioBE*, 60-minute presentation, Portland, OR.
- 145. November 2015, *How LEED v4 will Drastically Change Daylighting*, 60-minute presentation with Tom Hootman, Dan Glaser, Dane Sanders, Boulder & Associates Seminar, Washington DC.
- 146. September 2016, *How Biotech and Data Science can be used to Evaluate Cleantech in Buildings and Cities*, 15-minute presentation with Jessica L. Green, Oregon BEST FEST, Portland, OR.
- 147. May 2016, *Research updates from UO ESBL and UO BioBE*, 60-minute presentation, Oregon State University Wood Science Engineering Seminar Series, Corvallis, OR.
- 148. April 2016, *Research to inspire STEM from UO ESBL and UO BioBE*, 60-minute presentation with Gwynne Mhuireach, O'Hara Catholic School, Eugene, OR.
- 149. May 2016, *Research Empowers Design Transformation*, 60-minute presentation with G.Z. Brown, Kent Duffy (SRG), Jeff Yrazabel (SRG), AIA Oregon Design Conference 2016, Gleneden Beach, OR.
- 150. May 2016, *Transforming Architecture: A Festschrift Event in honor of G.Z. Brown*, organizer and moderator of 8-hour mini-conference with Kent Duffy (SRG), Ron Kellett (UBC), Gwynne Mhuireach (UO), and Michael Hatten (Solarc EG), University of Oregon, Eugene, OR.
- 151. March 2016, *Energy and Thermal Performance Considerations of Mass Timber Buildings*, 30-minute presentation, International Mass Timber Conference 2016, Portland, OR.

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- 152. Fall 2015, *Getting to Zero*, AIA Portland, organizer and moderator of four day workshop series with AIA Portland and invited guests, Portland, OR.
- 153. March 2015, *Daylighting Design Development: Getting the Details Right!*, 60-minute presentation, AIA Idaho Eastern Section, Pocatello, ID.
- 154. November 2014, UI-IDL Fall Lecture Series – *Holistic Lighting Design*, 90-minute presentation, Boise, ID.
- 155. November 2014, Idaho Power Energy Efficiency Advisory Group – *CSHQA HQ Measurement and Verification, and Model Predictive Control*, 45 presentation with Kent Hanway (CSHQA), Boise, ID.
- 156. October 2014, Solema, University of Washington, Seattle City Light, *DIVA Day – Environmental Performance Analysis in Design Practice and Research*, 8-hour workshop with Christoph Reinhart (Solemma) Alstan Jakubiec (Solemma), Mehlika Inanici (University of Washington), Niloufar Emami (University of Michigan), Tuan Tran (University of Hawaii), Seth Holmes (University of Hartford), Luisa Caldas (UC-Berkeley), Erick Katzenstein (Mode Lab), Emilie Hagan, Henry Richarson, Michael Esposito (Atelier Ten), Scott Craford, Apoorv Goyal (LMN), Marty Brennan, Ed Clark (ZGF), Eddy Santosa – Seattle, WA.
- 157. September 2014, *Daylighting Schematic Design*, 60-minute presentation, AIA Idaho Mountain Section, Ketchum, ID.
- 158. September 2014, *Daylighting Design Development*, 60-minute presentation, AIA Idaho Mountain Section, Ketchum, ID.
- 159. September 2014, *Integrated Design Case Studies*, 60-minute presentation, AIA Idaho Eastern Section, Pocatello, ID.

160. September 2014, *15 Years of Energy Efficiency Market Transformation – Now What?*, 60-minute presentation, Center for Advanced Energy Studies, Idaho Falls, ID.
161. May 2014, *Integrated Design Principles + 2030 Update*, 60-minute presentation, AIA Idaho Central Section, Boise, ID.
162. February 2014, *Integrated Design Lab Update*, 30-minute lecture for Idaho Power Company's Energy Efficiency Advisory Group, Boise, ID.
163. January 2014, *UI-Integrated Design Lab 10th Anniversary*, 60-minute presentation, University of Idaho, Boise, ID.
164. November 2013, *UI-Integrated Design Lab: Collaborating for EE Market Transformation*, 60-minute presentation with Shree Willhite of Idaho Power Company, Northwest Power & Conservation Council, Boise, ID.

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165. March 2013, *Daylight Performance Metrics from Human Studies and Annual Simulation*, 60-minute presentation, AIA Idaho Central Section, Boise, ID.
166. August 2012, *Integrated Design Lab Network Highlights from 2000-2010*, 30-minute presentation, Northwest Energy Efficiency Alliance Quarterly Board Meeting, Boise, ID.
167. June 2012, *Integrated Lighting Controls Commissioning*, 45 presentation with Joel Loveland of the University of Washington, PNW Building Commissioning Association quarterly meeting, Spokane, WA.
168. February 2012, *Energy Efficiency in Idaho - Research and Practice*, 45 presentation with Todd Schultz of Idaho Power Company, Center for Advanced Energy Studies 2012 Idaho Research Symposium, Boise, ID.
169. January 2012, *Energy Efficiency Update*, Idaho Energy Collaborative Legislative Luncheon, 20-minute briefing, Boise, ID.
170. November 2011, *Existing Building Renewal Process*, 90-minute lecture with Mike Hatten of Solar AE, Integrated Design Lecture Series, University of Idaho-Integrated Design Lab, Boise, ID.
171. November 2011, *Overview of the Daylight Pattern Guide*, 30-minute online presentation, New Buildings Institute Quarterly Board Meeting, with Christopher Meek of the University of Washington.
172. October 2011, *Existing Building Renewal Panel*, 60-minute panel discussion with representatives from Blue Shield, Thornton Olliver Keller, Northwest Energy Efficiency Alliance and Idaho Power Company, Idaho Energy and Green Building Conference, Association of Idaho Cities, Boise, ID.
173. October 2011, *Daylighting Best Practices*, 75 lecture, Idaho Energy and Green Building Conference, Association of Idaho Cities, Boise, ID.
174. September 2011, *Integrated Design & Energy Efficiency Charrette*, 6-hour workshop with Gunnar Gladics and Sherry McKibben of UI, Bonneville Power Administration, Portland, OR.
175. September 2011, *Integrated Design Theory & Case Studies*, 4-hour workshop with Jason Butler of CTA A&E, AIA+2030 Lecture Series, AIA Idaho Chapter, Boise, ID.
176. August 2011, Western Energy Policy Research Conference, *Prioritizing and Visualizing Energy Management and Control System Data to Provide Actionable Information for Building Operators* 30-minute presentation with Carlos Duarte, Boise, ID
177. August 2011, *Integrated Design Process*, 60-minute lecture, AIA Idaho Chapter, Boise, ID.
178. May 2011, *Center for Advanced Energy Studies Energy Efficiency Research Institute*, 30-minute lecture, Yellowstone Business Partnership Annual Conference, Jackson Hole, WY.
179. April 2011, *University of Idaho Integrated Design Lab Research Update*, 60-minute lecture to Idaho Power Company's Spring Meeting for Customer Representatives, Idaho Power Company, Boise, ID.

180. April 2011, AIA-Seattle & Seattle City Light, *The Daylight Pattern Guide: Developing a Visual Vocabulary for Daylighting Design Decision Making*, 2.5-hour workshop with Christopher Meek – Cambridge, MA.
181. March 2011, *A Decade of Energy Savings: The Pacific Northwest University Integrated Design Lab Network*, 30-minute lecture for the President's Sustainability Symposium, University of Idaho, Moscow, ID.
182. March 2011, *Integrated Design Lab Update*, 45 lecture for North Central Idaho Green Technology Workshop, Clearwater Economic Development Association, Moscow, ID.
183. November 2010, *An Evaluation of Direct Energy Savings and Market Transformation of the Pacific Northwest University-based Energy Efficiency Lab Network from 2000-2010*, 2-hour presentation to the Northwest Energy Efficiency Alliance with G.Z. Brown and Joel Loveland, Portland, OR.
184. November 2010, *Architectural Research Methods*, 1-hour lecture for Ryan Smith's Research Methods Course, University of Utah, Salt Lake City, UT
185. October 2010, *Integrated Design Lab Update*, 30-minute lecture for Idaho Power Company's Energy Efficiency Advisory Group, Boise, ID.
186. August 2010, *Idaho Strategic Energy Alliance Roundtable on Industrial Energy Efficiency*, 4-hour workshop organizer with Don Sturtevant - Idaho National Lab, Idaho Falls, ID
187. October 2009, AIA Idaho Chapter - *Daylighting Design; Getting the Details Right*, 1-hour presentation - Boise, ID
188. April 2009 Northwest Energy Coalition, *Idaho's Energy Future*, 1.5-hour panel discussion with Ric Gale and John Gardner - Boise, ID
189. April 2009 Idaho Society for Healthcare Engineering, *Integrated Design and Healthy Hospitals*, 1.5-hour workshop - McCall, ID
190. April 2009, Green Building Seminar III - Green Homes, *Integrated Design, Putting it All Together*, 1-hour workshop - Idaho Falls, ID
191. October 2008, Integrated Design Lab Fall Education Series, *Commissioning: Getting High Performance Systems to Perform*, 1.5-hour workshop with Brad Acker - Boise, ID
192. October 2008, Idaho Sustainability Conference, *Lessons Learned in Integrated Design Processes*, 1.5-hour workshop - Sun Valley, ID
193. October 2008, Idaho Energy and Green Building Conference, *Light and Health in Buildings*, 1.5-hour workshop - Boise, ID
194. October 2008, Boise Public Library, *Energy Efficiency and Green Living Series*, 2-hour workshop moderator with panel members Jim Miller, Byron Defenbach, and John Gardner - Boise, ID
195. June 2008, University of Idaho Lunch and Lead, *Design Healthy Environments*, 1.5-hour workshop with Sherry McKibben - Boise, ID
196. May 2008, West Coast Energy Management Congress, *Integrating Project Delivery*, 2-hour workshop with Gary Christensen, Amy Hellmund, Rick Hunter, and Ken Baker - Seattle, WA
197. April 2008, CTA Architects, *Introduction to Integrated Design Processes*, two 8-hour workshops with Mike Hatten, Boz Van Houten, and Ery Djunaedy - Boise, ID
198. March 2008, United States Environmental Protection Agency Region 10, *The Role of Climate Responsive Design and Integrated Design for Energy Efficiency*, 2-hour workshop with Joel Loveland and G.Z. Brown - Seattle, WA
199. March 2008, Idaho Environmental Educators Conference, *The Value of Integrated Design for Idaho Schools*, 1-hour lecture, Boise, ID

200. January 2008, East Side Preparatory School, *Sustainability and Reconnecting to Nature with Architecture*, 1-hour lecture - Bellevue, WA
201. January 2008, National Electrical Contractors Associations Idaho Chapter Annual Meeting, *Integrating the Lighting Environment – Research and Practice of Daylight Sensing Lighting Controls*, 1-hour workshop with Frank Rice - Sun Valley, ID
202. January 2008 - April 2008, University of Idaho & Boise State University Professional Education, *Green Building*, four 8-hour workshops with Sherry McKibben, Ery Djunaedy, Rebecca Mirsky - Boise, ID
203. December 2007, ASHRAE Utah Chapter Meeting, *The Role of Daylight in Integrated Design*, 1-hour seminar - Salt Lake City, UT
204. June 2007, American Association for the Advancement of Science, *Project Based Education, A Model for Integrated Design*, 1-hour presentation - Boise, ID
205. October 2006, Idaho Energy Conference, *Integrated Design Case Studies*, 2-hour presentation - Boise, ID
206. June 2006, AIA Utah Daylighting Day, *Daylighting: Schematic Design, Design Development and Implementation*, 5-hour workshop - Salt Lake City, UT
207. April 2006, ASHRAE Idaho Chapter Annual Technical Conference, *Integrated Design Lessons Learned*, 1.5-hour presentation - Boise, ID
208. November, 2004 Idaho Energy Conference, *High Performance School Design*, 2-hour workshop with Richard Bauscher - Sun Valley, ID
209. June 2004, AIA Utah Daylighting Day, *Daylighting Design, Why and How*, 6-hour workshop with Charles Ehrlich, Salt Lake City, UT

Professional Consulting:

Design process research and analyses and/or building operations measurement associated with daylighting, lighting, energy efficiency, indoor air quality, and integrated building systems as part of the UW Daylighting Lab or leading the UI Integrated Design Lab and UO Energy Studies in Buildings Laboratory. Below are 50 selected projects from over 400 projects consulted since 2000:

1. Phil and Penny Knight Campus for Accelerating Scientific Impact, University of Oregon, Eugene, OR; Ennead Architects, NYC, NY; Bora Architects, Portland, 2017-2018.
2. Tykeson Hall, University of Oregon, Eugene, OR; Rowell Brokaw Architects, Eugene, Or, 2015-2017.
3. Multnomah County Courthouse, Portland, OR; SRG Partnership, Portland, OR, 2015-2017.
4. Eugene City Hall, Eugene, OR; Rowell Brokaw Architects, Eugene, Or, 2015-2016.
5. Bullitt Center (AIA COTE Top 10), Seattle, WA; Miller Hull, Seattle, WA; 2013-2016.
6. Jefferson Library, Jefferson, OR; Rowell Brokaw Architects, Eugene, Or, 2015-2016.

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7. Simplot World Headquarters (under construction), Boise, ID; Adamson Associates, Los Angeles, CA; 2014-2015.
8. College of Southern Idaho Campus Master Plan, Twin Falls, ID; CTA Architects and Engineers, Boise ID; 2015.
9. College of Western Idaho Campus Master Plan, Nampa, ID; CTA Architects and Engineers, Boise ID; SRG Partnership, Seattle, WA; 2013-2014.
10. Riverside Hotel (deep energy renovation), Boise, ID; Site-Based Energy, Boise, ID; 2012-2013.
11. Christensen Corporation Near Zero Office Building One, Boise; CTY Studio, Boise, ID; 2012-2013.



12. Iowa Utilities Board / Office of the Consumer Advocate Office Building (AIA COTE Top 10 Plus, LEED-NC, Platinum), BNIM Architects, Des Moines, Iowa, 2012-2013.

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13. Jade Mountain Resort, St. Lucia; Modus Architects, Boise, ID, 2011-2012.
14. 9th & Idaho (deep energy renovation), Boise, ID; Engineering Consultants Inc, Boise, ID, 2010-2012.
15. Sentsy Campus (office tower, manufacturing), Meridian, ID; CTA A&E, Boise, ID, 2010-2012.
16. Capital Gateway Plaza I & II (deep energy renovation), Boise, ID, 2011-2012.
17. Battelle Technical Support Building, Idaho Falls, ID; INL Architects, Idaho Falls, ID; 2010.
18. Van Buren Elementary School (LEED-NC, Silver) Caldwell, ID; McKinstry & LKV Architects, Boise, ID; 2008-2010.
19. Washington Elementary School (LEED-NC, Gold) Caldwell, ID; McKinstry & LKV Architects, Boise, ID; 2008-2010.
20. Idaho Pulmonary Associates (LEED-NC, Certified), Meridian, ID; Insight Architects, Boise, ID; 2007-2009.
21. College of Southern Idaho Health Sciences and Human Services (LEED-NC, Gold), Twin Falls, ID; CTA Architects and Engineers, Boise, ID; 2007-2009.
22. Rocky Mountain Hardware (LEED-NC, Gold), Hailey, ID; Ruscitto Latham Blanton Architects, Ketchum, ID; 2007-2009.
23. St. Alphonsus Regional Medical Center - South Tower Renovation, Boise, ID; Corporate Facilities, Boise, ID; 2005-2008.
24. St. Luke's Magic Valley Regional Medical Center, Twin Falls, ID; Hummel Architects, Boise, ID and Architectural Nexus, Salt Lake City, UT; 2005-2008.
25. Long Valley Operations Center (LEED-NC Gold), Lake Fork, ID; Modus Architects, Boise, ID; 2007-2008.
26. Center for Advanced Energy Studies (LEED-NC, Gold), Idaho Falls, ID; GSBS Architects, Salt Lake City, UT; 2005-2007.
27. Sustainable Community One (unbuilt), Boise, ID; AH2A Architects, Boise, ID; 2007.
28. Wild Oats Prototype Grocery Store (LEED-NC, Registered), Boulder, CO; CSHQA Architects, Boise, ID; 2005-2006.
29. Ada County Weed & Pest Control (LEED-NC, Silver), Meridian, ID; LCA Architects, Boise, ID; 2005-2004-2006.
30. Barber Park Administration and Raft Maintenance Facility (LEED-NC, Certified), Boise, ID; McKibben + Cooper Architects, Boise, ID; 2004-2005.
31. Albertson's Prototype Grocery and Drug Stores, Anywhere, USA; Albertson's Corporate & CSHQA Architects, Boise, ID; 2002-2005.
32. Benjamin Franklin Elementary School, (AIA COTE Top 10, LEED-NC, Gold), Seattle, WA; Mahlum Architects, Seattle, WA; 2003-2004.
33. Seattle Park 90/5 C (LEED-NC, Gold), Seattle, WA; DKA Architects, Seattle, WA; 2003-2004.
34. Banner Bank Building (LEED-CS, Platinum), Boise, ID; HDR Architects, Boise, ID; 2003-2004.
35. Front 5 Building (LEED-NC, Certified), Boise, ID; Cole + Poe Architects, Boise, ID; 2003-2004.
36. Yesler Community Center (LEED-NC, Gold), Seattle, WA; Mithun Architects, Seattle, WA; 2002-2004.
37. EX3 Teen Center, Federal Way, WA; Weinstien AU, Seattle, WA; 2002-2003.
38. High Point Community Center (LEED, Certified), Seattle, WA; Streeter Architects, Seattle, WA; 2003.
39. Carkeek Park Environmental Learning Center, Seattle, WA; Selkirk Miller Hyashi, Seattle, WA; 2003.
40. Seattle Justice Center (LEED Silver), Seattle, WA; NBBJ Architects, Seattle, WA; 2000-2003.



41. Ballard Library and Neighborhood Center (AIA COTE Top 10), Bohlin Cywinski Jackson, Seattle, WA, 2002-2003.
42. Northeast Branch Library, Seattle, WA; The Miller Hull Partnership, Seattle, WA; 2003.
43. Pierce County Environmental Services (AIA COTE Top 10 Award), Tacoma, WA; The Miller Hull Partnership, Seattle, WA; 2000-2003.
44. Teton Science School, Jackson Hole, WY; Mithun Architects, Seattle, WA; 2002-2003.
45. Stephen Epler Hall at Portland State University (LEED-NC, Silver), Portland, OR; Mithun Architects, Seattle, WA; 2001-2003.
46. Merrill Hall Center for Urban Horticulture (LEED-NC, Silver), Seattle, WA; The Miller Hull Partnership, Seattle, WA; 2003.
47. Ebsworth Residence, Seattle, WA; Olson Sundberg Kundig Allen, Seattle, WA; 2001.
48. Tacoma Art Museum, Tacoma, WA; Antoine Predock, Albuquerque, NM and Olson Sundberg Kundig Allen, Seattle, WA; 2000-2001.
49. American Honda Regional Training & Distribution Center (LEED-NC, Gold), Portland, OR; Group MacKenzie Architects Portland, OR; 2000-2001.
50. Seattle City Hall (LEED-NC, Gold), Seattle, WA; Bohlin Cywinski Jackson Architects, Seattle, WA; 2000-2001.

Gifts Received in Support of Research and Teaching:

Secured over \$892,500 in gifts (2004-present) in support of research and teaching; while directing the UO-Energy Studies in Buildings Laboratory (2015-present; \$780,000) and UI-Integrated Design Lab (2004-2015; \$154,156).

1. *"Cash Gift"* from Northwest Energy Efficiency Alliance to University of Oregon Energy Studies in Buildings Laboratory, \$110,000; 2020.
2. *"Cash Gift"* to College of Design Institute for Health in the Built Environment; Calendar year beginning May 2019:
 - a. \$35,000 from View Dynamic Glazing
 - b. \$35,000 from Microsoft
 - c. \$35,000 from Nike
 - d. \$5,000 from Hickock Cole
 - e. \$6,000 from SRG Partnership
 - f. \$6,000 from Perkins + Will
 - g. \$6,000 from PAE Engineers
 - h. \$6,000 from Scott Edwards Architects
 - i. \$2,500 from Center of Design for an Aging Society
 - j. \$2,500 from Ankrom Moisan Architects
 - k. \$2,500 from Mechoshade
 - l. \$2,500 from Z BioSciences
 - m. \$2,500 from CO Architects
 - n. \$2,500 from Rudy Munzell
3. *"Cash Gift"* to College of Design Institute for Health in the Built Environment; Calendar year beginning April 2018:
 - a. \$35,000 from Siemens Industry Inc



- b. \$15,000 from Method Soap People Against Dirty
 - c. \$5,000 from SRG Partnership
 - d. \$5,000 from EYP Architecture & Engineering
 - e. \$5,000 from Perkins + Will
 - f. \$5,000 from PAE Engineers
 - g. \$5,000 from Scott Edwards Architects
 - h. \$2,500 from Point Energy Innovations
 - i. \$2,500 from Lacey Glass
 - j. \$2,500 from Skanska
 - k. \$2,500 from Center of Design for an Aging Society
 - l. \$2,500 from SERA Architects
 - m. \$2,500 from Ventacity
4. "Cash Gift" from Northwest Energy Efficiency Alliance to University of Oregon Energy Studies in Buildings Laboratory, \$275,000; 2018-2019.
 5. "Cash Gift" from Northwest Energy Efficiency Alliance to University of Oregon Energy Studies in Buildings Laboratory, \$275,000; 2016-2017.

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6. "Equipment Gift" from the Northwest Energy Efficiency Alliance to the University of Idaho Integrated Design Lab, \$24,556; 2015.
7. "Cash Gift" from Northwest Energy Efficiency Alliance to University of Idaho Integrated Design Lab, \$117,600; 2015.

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8. "Cash Gift" from Boise Cascade, NEEA, HDR Architects, CTA Architects to University of Idaho Integrated Design Lab for demonstration at the new lab facility, \$5,000; 2011.
9. "Cash Gift" from Intermountain Gas Company to University of Idaho Integrated Design Lab, \$10,000; 10/2004.

Grants and Contracts Awarded:

Secured/Administered over \$14.6M in externally funded research and outreach (2004-present); while directing the UO-Energy Studies in Buildings Laboratory (2015-present; \$7,503,565) and UI-Integrated Design Lab (2004-2015; \$7.1M).

1. *Title – Lighting Futures: Higher Education*
Contract with: Lutron Corporation
Dates: 1/2020-12/2020 (awarded, contract in process)
Amount: \$10,000
 PI: Kevin G. Van Den Wymelenberg
 Co-PI: Siobhan Rockcastle
2. *Title – Human Impacts of Environmental Factors*
Contract with: Lutron Corporation
Dates: 1/2020-12/2020 (awarded, contract in process)
Amount: \$15,000
 PI: Kevin G. Van Den Wymelenberg

- Co-PI: Siobhan Rockcastle
3. *Title – UO RESILIENCE 2019 SEED – Grid Enhancing Resilient Housing; Award with: University of Oregon*
Dates: 1/2020-12/2021
Amount: \$49,412
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: Dr. Kory Russel, Heather Brinton, Joshua Skov
 4. *Title - KalWall Testing Polycarbonate with Gonio-Photometer at LBNL*
Contract with: KalWall Corporation
Dates: 0/2019-06/2020
Amount: \$24,777
PI: Kevin G. Van Den Wymelenberg
 5. *Title - Siemens: Quantifying the Non-Energy Benefits of End-to-End Digitization of the Maintenance*
Contract with: Siemens Corporation
Dates: 9/2019-10/2020
Amount: \$60,000
PI: Kevin G. Van Den Wymelenberg
 6. *Title – Putting the Design Back into Daylighting Design Analysis & Current Trends in Daylighting*
Contract with: Pacific Gas & Electric, Pacific Energy Center
Dates: 9/2019 – 12/2019
Amount: \$18,000
PI: Kevin G. Van Den Wymelenberg
Co-I: Siobhan Rockcastle
 7. *Title – 2019 UO-OHSU Seed Grant Phase 2 - Predicting Healthcare-Associated Clostridioides Difficile Infection Probabilities in Inpatient Units; Award with: University of Oregon and Oregon Health Sciences University Collaborative Seed Grant Program*
Dates: 7/2019-6/2020
Amount: \$47,121
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: Dr. Robert Martindale (OHSU)
 8. *Title – TCORE Visual Comfort Study*
Contract with: ZGF Architects
Dates: 7/2019 – 9/2019
Amount: \$26,000
PI: Siobhan Rockcastle
Co-I: Kevin G. Van Den Wymelenberg
 9. *Title - OHSU Sink Splash Zone Investigation and Behavioral Monitoring on 14K Oncology Unit*
Contract with: OHSU Infection Prevention
Dates: 6/2019-6/2019
Amount: \$3,860
PI: Kevin G. Van Den Wymelenberg
 10. *Title - TDI Acoustical Field Testing of Mass Timber Buildings*
Contract with: US Dept. of Agriculture ARS via PTE Oregon State University
Dates: 6/2019-06/2020



Amount: \$25,000 (with \$11,875 UO Match for total 36,875)

PI: Kevin G. Van Den Wymelenberg

11. *Title – Facilitation of Acoustics Testing for Sustainable Mass Timber Technologies, Leading to Publication of Open Source Acoustics Data for Standard Acoustics Scenarios*

Contract with: US Forest Service

Dates: 0/2019-09/2022

Amount: \$250,000

PI: Kevin G. Van Den Wymelenberg

Co-PI: Judith Sheine

12. *Title – Comparing real scenes to HDR photographs on VR, HDR, and LDR Displays*

Contract with: US DOE via Pacific Northwest National Lab

Dates: 3/2019-10/2019

Amount: \$75,000

PI: Siobhan Rockcastle

Co-PI: Kevin G. Van Den Wymelenberg

13. *Title – The role of indoor workplace lighting exposure*

Contract with: Lutron Corporation

Dates: 12/2018-04/2019

Amount: \$9,500

PI: Kevin G. Van Den Wymelenberg

Co-PI: Siobhan Rockcastle

14. *Title – Workplace of the future*

Contract with: Lutron Corporation

Dates: 02/2019-04/2019

Amount: \$10,000

PI: Kevin G. Van Den Wymelenberg

Co-PI: Siobhan Rockcastle

15. *Title – TDI Acoustic Laboratory Construction Support*

Contract with: Internal University of Oregon, TallWood Design Institute

Dates: 1/2019-12/2019

Amount: \$100,000

PI: Kevin G. Van Den Wymelenberg

Co-PI: Judith Sheine

16. *Title – Virtual Lighting Design*

Contract with: Nuckolls Fund for Educational Lighting

Dates: 10/2018 – 9/2019

Amount: \$20,000

PI: Siobhan Rockcastle

Co-I: Kevin G. Van Den Wymelenberg

17. *Title: Various small contracts*

Contract with: Varies

Dates: 2018

- Amount: \$17,963 (UO CPM Knight Campus Visual Comfort Analysis, \$10,000; John Rowell 2018 Terminal Studio Integrated Design Unthank Studio Support, \$5,000; SRG Architects Springfield Indoor \$2,963)
18. *Title – TDI Acoustic Laboratory Construction Support*
Contract with: Oregon State University, TallWood Design Institute
Dates: 9/2018-12/2018
Amount: \$50,000
PI: Kevin G. Van Den Wymelenberg
 19. *Title – TDI Acoustic Lab Testing of Typical Multi-family Residential CLT Wall and Floor Assemblies*
Contract with: Oregon State University, TallWood Design Institute
Dates: 5/2018-12/2018
Amount: \$138,350 (+\$25,000 direct invoiced to OSU)
PI: Kevin G. Van Den Wymelenberg
 20. *Title – HDR Photography for Evaluation and Design of Daylighting & Electric Lighting*
Contract with: Pacific Gas & Electric, Pacific Energy Center
Dates: 10/2018
Amount: \$14,500
PI: Kevin G. Van Den Wymelenberg
 21. *Title – 2018 UO-OHSU Seed Grant - Predicting Healthcare-Associated Clostridioides Difficile Infection Probabilities in Inpatient Units; Award with:* University of Oregon and Oregon Health Sciences University Collaborative Seed Grant Program
Dates: 7/2018-6/2019
Amount: \$50,000
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: Dr. Robert Martindale (OHSU)
 22. *Title – High Impact Opportunity Project – OIC Acoustics Chamber*
Contract with: Business Oregon
Dates: 4/2018-7/2019
Amount: \$702,218 (awarded, contract in progress)
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: Judith Sheine
 23. *Title – Published Monitored Spectral Power Distribution Data*
Contract with: The Dyson Corporation
Dates: 4/2018-7/2018
Amount: \$9,736 (awarded, contract in progress)
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: Frank Vignola
 24. *Title – Research and Development of Isocyanate-free and Formaldehyde-free Adhesives for CLT and*
Contract with: US Dept. of Agriculture ARS via PTE Oregon State University
Dates: 7/2018-6/2020
Amount: 150,000 (total award; UO Award 50,000; Additional UO cost-share \$12,500)
PI: Kaichang Li
Co-Investigators : Kevin G. Van Den Wymelenberg
UO PI: Kevin G. Van Den Wymelenberg

25. *Title – Views and Shades Annotated Bibliography: Health, Comfort, Productivity and Organizational Commitment*
Contract with: Lutron Corporation
Dates: 03/2018-03/2019
Amount: \$12,500 (awarded, complete)
PI: Kevin G. Van Den Wymelenberg
26. *Title – Testing BetterAir Environmental Probiotic Treatments*
Contract with: BetterAir North America LLC
Dates: 1/2018-12/2018
Amount: \$57,164
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: Jessica Green
27. *Title – Northwest Energy Efficiency Alliance Integrated Design Lab*
Contract with: Northwest Energy Efficiency Alliance (NEEA)
Dates: 1/2018-12/31/2020
Amount: \$554,163
PI: Kevin G. Van Den Wymelenberg
28. *Title: Various small contracts*
Contract with: Varies
Dates: 2017
Amount: \$11,624 (SRG Architects, UC San Diego Equine Performance Center Consultation \$2,000; YBA Architects Rockwood Consultation \$1,000; Energy Trust of Oregon, Natural Ventilation Training \$1500; Frerking Architects, Barbour Radiant Wall Consultation \$1,406; Ivon Studio, \$1,000; Solarc Energy Group, \$4,718; Sheine 2017 Lane County Courthouse Studio Integrated Design Support, \$5,000)
29. *Title – Biology and Built Environment (BioBE) Center*
Contract with: Alfred P. Sloan Foundation
Dates: 11/2017-10/2019
Amount: \$999,998
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: Jessica Green, Erica Hartmann (Northwestern) Curtis Huttenhower (Harvard)
30. *Title – 2014 OEESC & ASHRAE 90.1 2013 Energy Consumption Comparisons – Task Order #3*
Contract with: State of Oregon – Oregon Department of Energy
Dates: 11/2017-12/2018
Amount: \$40,974
PI: Kevin G. Van Den Wymelenberg
31. *Title – King County Jameson ArcWeld Replacement – Qualitative Design Assistance*
Contract with: MWA Architects
Dates: 11/2017-10/2018
Amount: \$10,000 (awarded, contract in progress)
PI: Kevin G. Van Den Wymelenberg
32. *Title – Visible Spectral Transmission and Color Rendering Index*
Contract with: Kalwall Corporation
Dates: 10/2017-08/2018

- Amount: \$15,250 (awarded, complete)*
Amount: \$12,250 (awarded, complete)
Amount: \$3,051 (awarded, complete)
PI: Kevin G. Van Den Wymelenberg
33. *Title – HDR Photography for Evaluation and Design of Daylighting & Electric Lighting*
Contract with: Pacific Gas & Electric, Pacific Energy Center
Dates: 11/2017
Amount: \$19,300
PI: Kevin G. Van Den Wymelenberg
34. *Title – Define & Validate Algorithm for Predicting Absolute Spectral Irradiance for Daylight*
Contract with: The Dyson Corporation
Dates: 9/2017-12/2017
Amount: \$17,000
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: Frank Vignola
35. *Title – Diversifying Cropping Systems Through Cover Crops and Targeted Grazing: Impacts on plant-microbiome-insect interactions, yield and economic returns*
Contract with: Montana State University
Dates: 09/2017-08/2020
Amount: \$19,153
PI: Sue Ishaq Pellegrini
Co-Investigators: Kevin G. Van Den Wymelenberg
36. *Title – Wellspring Consulting with UO ESBL and BioBE Center*
Contract with: Alfred P. Sloan Foundation
Dates: 8/2017-7/2018
Amount: \$125,000
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: Jessica Green
37. *Title – PCC vs. R&H - ESBL Testimony*
Contract with: Lorber, Greenfield, & Polito, LLP
Dates: 7/2017-12/2017
Amount: \$6,934
PI: Kevin G. Van Den Wymelenberg
- a. *Continuation of: Title – PCC Newberg Construction Moisture Analysis*
Contract with: Miller Nash Graham & Dunn LLP
Dates: 4/2016-8/2017
Amount: \$177,937
PI: G.Z. Brown
Lab Unit Head: Kevin G. Van Den Wymelenberg
38. *TallWood Supplemental Research Proposal*
Contract with: State of Oregon via PTE Oregon State University
Dates: 5/2017-6/2020

Amount: \$165,523 (Smart CLT Supplement \$16,500; Tallwood IAQ Supplement \$7,500; Living Lab @ Peavy Hall Supplement \$19,000; Acoustics Testing \$115,023)

PI: Kevin G. Van Den Wymelenberg

39. *Title – Net-Zero Energy TallWood Design*

Contract with: US Dept. of Agriculture ARS via PTE Oregon State University

Dates: 7/2017-6/2019

Amount: \$188,923 (\$150,000 UO requested, \$38,923 UO cost-share)

PI: Kevin G. Van Den Wymelenberg

40. *TallWood Buildings and Indoor Environmental Quality*

Contract with: US Dept. of Agriculture ARS via PTE Oregon State University

Dates: 7/2017-6/2018

Amount: \$31,250 (\$25,000 UO requested, \$6,250 UO cost-share)

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Jessica L. Green

41. *Title – Living Lab @ Peavy Hall: Structural Health Performance of Mass Timber Buildings*

Contract with: US Dept. of Agriculture ARS via SubAward from Oregon State University

Dates: 7/2017-6/2020

Amount: \$16,458 (\$12,500 UO requested, \$3,958 UO cost-share; \$250,000 with Co-PIs)

PI: Kevin G. Van Den Wymelenberg

42. *Title – HDR Photography for Evaluation and Design of Daylighting & Electric Lighting*

Contract with: Pacific Gas & Electric, Pacific Energy Center

Dates: 9/2016

Amount: \$15,632

PI: Kevin G. Van Den Wymelenberg

43. *Title – 2016 Incubating Interdisciplinary Initiatives (I 3) Award - Personalized Thermal Comfort in the Built Environment*

Award with: University of Oregon Office of the Vice President for Research and Innovation

Dates: 9/2016-8/2017

Amount: \$50,000

PI: Christopher Minson

Co-Investigators: John Halliwill, Susan Sokolowski, Kevin G. Van Den Wymelenberg

44. *Title – Dyson Hygiene and Hand Drying*

Contract with: The Dyson Corporation

Dates: 8/2016-7/2017

Amount: \$35,000

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Jessica L. Green

45. *Title – UO Energy Reports Annotated Bibliography*

Contract with: UO Campus Operations

Dates: 7/2016-11/2016

Amount: \$7,500

PI: Kevin G. Van Den Wymelenberg

46. *Title – UO Tykeson Hall Design Assistance*



Contract with: UO Campus Operations

Dates: 7/2016-2/2017

Amount: \$12,000

PI: Kevin G. Van Den Wymelenberg

47. *Title – Design, Manufacture, and Construction of Next Generation Tall Wooden Buildings - SMART-CLT – Structural Health Monitoring and Post-Occupancy Performance of Mass Timber Buildings*

Contract with: US Dept. of Agriculture ARS via PTE Oregon State University

Dates: 3/2016-2/2018

Amount: 147,497 (total award; UO Award 49,648; Additional UO cost-share \$51,283)

PI: Mariapaola Riggio

Co-Investigators : Paul Laleicke; Andre Barbosa, Kevin G. Van Den Wymelenberg

UO PI: Kevin G. Van Den Wymelenberg

48. *Title – CLT Parking Structure Springfield Design Assistance*

Contract with: SRG Partnership

Dates: 3/2016-3/2018

Amount: \$39,000

PI: G.Z. Brown

Lab Unit Head: Kevin G. Van Den Wymelenberg

49. *Title – Energy Project Scoping for UO Internal Carbon Tax Program*

Contract with: UO Campus Operations

Dates: 11/2015-5/2016

Amount: \$15,000

PI: Kevin G. Van Den Wymelenberg

Tenured 12/15/2015; University of Oregon (above)

50. *Title – 2014 OEESC & ASHRAE 90.1 2013 Energy Consumption Comparisons – Task Order 1 & Task Order 2*

Contract with: State of Oregon – Oregon Department of Energy

Dates: 9/2015-12/2016

Amount: \$42,151

PI: Kevin G. Van Den Wymelenberg

51. *Title – Climate Chamber Testing for Simplicity Product Development*

Contract with: Simplicity Product Development (task order 1 & 2)

Dates: 7/2015-11/2015

Amount: \$24,309

PI: Kevin G. Van Den Wymelenberg

52. *Title – Multnomah County Courthouse Design Assistance*

Contract with: Energy Trust of Oregon via SRG Partnership

Dates: 12/2015-11/2016

Amount: \$40,000

PI: Kevin G. Van Den Wymelenberg

53. *Title – The Impact of Weatherization on Microbial Ecology and Human Health*

Contract with: Environmental Protection Agency

Dates: 5/2015-4/2018

Amount: \$996,911

PI: G.Z. Brown

Co-Investigators: Jessica L. Green, Deborah Johnson-Shelton (Oregon Research Institute), Kevin G. Van Den Wymelenberg

Lab Unit Head: Kevin G. Van Den Wymelenberg

54. *Title – Biology and Built Environment (BioBE) Center*

Contract with: Alfred P. Sloan Foundation

Dates: 9/2015-10/2017

Amount: \$1,325,000

PI: Kevin G. Van Den Wymelenberg (8/2016-10/2017)

PI: Jessica L. Green (9/2015-8/2016)

Co-Investigators: G.Z Brown, Rolf Halden (ASU), Curtis Huttenhower (Harvard), Jessica Green, Kevin G. Van Den Wymelenberg

55. *Title - “Faculty Exchange Agreement”*

Contract with: The University of Idaho

Dates: 6/2015-9/2015

Amount: \$32,108

PI: Kevin G. Van Den Wymelenberg

56. *Title – Northwest Energy Efficiency Alliance Integrated Design Lab*

Contract with: Northwest Energy Efficiency Alliance

Dates: 1/2015-12/2017

Amount: \$333,693

PI: Kevin G. Van Den Wymelenberg (2016-2017)

PI: G.Z. Brown (2015)

57. *Title – Jefferson Library Design Assistance*

Contract with: Energy Trust of Oregon via Rowell Brokaw Architects

Dates: 1/2015-12/2017

Amount: \$15,000

PI: Kevin G. Van Den Wymelenberg

Non-Tenured 6/15/2015; University of Oregon (above)

58. *Title – Achieving Regional Energy Efficiency Potential in the Northwest –State of Idaho M&V + Diagnostics & EE Community Renewal Action Plan*

Contract with: US Department of Energy via the Northwest Energy Efficiency Alliance

Dates: 4/2015-8/2015

Amount: \$24,984

PI: Brad Acker

Co-Investigators: Kevin G. Van Den Wymelenberg

59. *Title – Advanced Energy Efficiency 2015*

Contract with: Idaho Power Company

Dates: 2/2015-12/2015

Amount: \$401,720

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Brad Acker, Katrina Leichter, Elizabeth Cooper

60. *Title – Integrated Design Lab 2015-2017*

Contract with: Northwest Energy Efficiency Alliance

Dates: 1/2015-12/2017

Amount: \$232,200

PI: Kevin G. Van Den Wymelenberg (Served as PI until June 2015, then in consulting capacity)

Co-Investigators: Brad Acker, Katrina Lechliter, Elizabeth Cooper

61. *Title – College of Southern Idaho Master Plan*

Contract with: CTA Architects and Engineers

Dates: 4/2015-6/2015

Amount: \$5,091

PI: Kevin G. Van Den Wymelenberg

62. *Title: 2015 Regional Technical Forum*

Contract with: Northwest Power and Conservation Council

Dates: 01/2014 – 12/2014

Amount: \$10,500

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Brad Acker

63. *Title – IBOA-IBOA Training*

Contract with: International Building Operators of America

Dates: 9/2014-6/2015

Amount: \$11,000

PI: Kevin G. Van Den Wymelenberg

64. *Title: IES Daylight Educational Tour*

Contract with: Illuminating Engineering Society of North America

Dates: 7/2014-6/2015

Amount: \$10,500

PI: Kevin G. Van Den Wymelenberg

65. *Title: Various small contracts*

Contract with: Varies

Dates: 2014

Amount: \$31,297 (CTA CWI Campus Master Plan \$5,000; Britt Makela 2009 IECC Non-Compliance \$4,000;

New Buildings Institute Fiji Energy Code \$12,000; CSHQA B2 Optimization, \$1,994; Simplot HQ

Optimization, \$8,303)

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Varies

66. *Title: OER Rural Scoping Studies*

Contract with: DOE via, Idaho Office of Energy Resources

Dates: 08/2014 – 6/2015

Amount: \$15,000

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Brad Acker

67. *Title: Simulation-Based Commissioning of Energy Management Control Systems*

Contract with: Avista Utilities

Dates: 07/2014 – 6/2015

Amount: \$50,847

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Brad Acker

68. *Title: 2014 Regional Technical Forum*

Contract with: Northwest Power and Conservation Council

Dates: 01/2014 – 12/2014

Amount: \$15,000

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Brad Acker

Tenured 7/1/2013; University of Idaho (above)

69. *Title: Various small contracts*

Contract with: Varies

Dates: 2013

Amount: \$82,834 (Britt Makela Tropical Energy Code Simulation \$7,500, NBBJ UI-IRIC \$17,518, ICRMP \$3,664, Christensen Corp NrZEB \$5,458, Oppenheimer One Capital Plaza \$6,429, Oppenheimer Wells Fargo \$4,526, AEC Remote Assistance \$3,000, Domingo Gonzales Associates \$9,158, UI-Executive Residence with Hummel \$5,581)

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Varies

70. *Title: IES Daylight Educational Tour*

Contract with: Illuminating Engineering Society of North America

Dates: 7/2013-6/2014

Amount: \$21,000

PI: Kevin G. Van Den Wymelenberg

71. *Title: 2013 Regional Technical Forum*

Contract with: Northwest Power and Conservation Council

Dates: 01/2013 – 12/2013

Amount: \$19,000

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Brad Acker

72. *Title: 2013 Kilowatt Crackdown Energy Star Certifications & Mini-scoping Studies*

Contract with: Northwest Energy Efficiency Alliance

Dates: 01/2013 – 12/2013

Amount: \$17,545

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Brad Acker

73. *Title: Kilowatt Crackdown Competition – 2013*

Contract with: JDM Associates

Dates: 01/2013 – 07/2013

Amount: \$53,250

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Brad Acker, Julia Day

74. *Title: Idaho Residential Duct Sealing Energy Effectiveness*

- Contract with: Association of Idaho Cities
Dates: 01/2013 – 02/2013
Amount: \$7,500
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: Jake Dunn
75. *Title: Advanced Energy Efficiency – 2013-2014*
Contract with: Idaho Power Company
Dates: 01/2013 – 1/2015
Amount: \$786,600
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: Ery Djunaedy, Gunnar Gladics, Jake Dunn, Brad Acker, Julia Day
76. *Title: Identification of Discomfort Glare Sources from Vertical Fenestration and Occupant Control Scenarios*
Contract with: Illuminating Engineering Society of North America
Dates: 11/2012-11/2013
Amount: \$25,000
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: Ery Djunaedy; Mark Changizi, O2Amp
77. *Title: Oregon Code Energy Savings Simulation*
Contract with: Oregon Department of Energy
Dates: 06/2012 – 09/2012
Amount: \$35,000
PI: Kevin G. Van Den Wymelenberg (for UI-IDL)
Co-Investigators: Ery Djunaedy
78. *Title: DOE Industrial Assessment Center*
Contract with: US Department of Energy via Boise State University
Dates: 09/2011 – 09/2014
Amount: \$ 145,042, UI-IDL (\$1,500,000 with Co-PIs)
PI: Kevin G. Van Den Wymelenberg (for UI-IDL)
Co-Investigators: John Gardner, BSU (Lead PI); Dev Shrestha, UI; Steve Hatten, BSU; Mary Holfe, ISU)
79. *Title: Various small contracts*
Contract with: Varies
Dates: 2012
Amount: \$40,104 (\$9,840 Brooks Borg Skiles, \$3,737 Brooks Borg Skiles, \$3,255 Dawson Residence, \$1,700 Simplot, \$6,000 Site-Based Energy, \$4,000 IPC Residential Lectures, \$6,000 JDM Associates, Britt Makela \$5,572)
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: Varies
80. *Title: Boise City Residential Audits Review*
Contract with: Idaho Power Company
Dates: 04/2012 – 9/2012
Amount: \$20,000
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: Brad Acker



81. *Title: Summary of 2011 Residential Economizer Study*
Contract with: Northwest Energy Efficiency Alliance
Dates: 05/2012 – 12/2012
Amount: \$4,500
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: Brad Acker
82. *Title: 2012-2013 Evaporative Roof-top Unit Efficiency M&V*
Contract with: Northwest Energy Efficiency Alliance
Dates: 05/2012 – 12/2013
Amount: \$37,500
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: Brad Acker
83. *Title: 2012 Variable Roof-top Unit Efficiency M&V*
Contract with: Northwest Energy Efficiency Alliance
Dates: 05/2012 – 12/2014
Amount: \$27,000
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: Brad Acker
84. *Title: 2012 Regional Technical Forum*
Contract with: Northwest Power and Conservation Council
Dates: 01/2012 – 12/2012
Amount: \$13,500
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: Brad Acker
85. *Title: Technical support for building energy codes - 2012*
Contract with: Association of Idaho Cities
Dates: 01/2012 – 12/2012
Amount: \$13,000
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: na
86. *Title: Residential Economizer 2012 Summer M&V*
Contract with: Idaho Power Company
Dates: 04/2012 – 12/2012
Amount: \$70,000
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: Brad Acker
87. *Title: Various small contracts*
Contract with: Varies
Dates: 2011
Amount: \$115,429 (\$7,000 Modus, \$41,500 Energy Plus trainings, \$5,000 K Energy, \$13,619 NBI, \$12,500 BPA, \$3,500 IES podcasts, \$14,995 NPCC, donations)
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: Varies

88. *Title: National Energy Leadership Corps, Residential Energy Audit Process*
Contract with: NREL/PSU/BSU
Dates: 6/2011 – 1/2012
Amount: \$52,000 (UI-IDL)
PI: Kevin G. Van Den Wymelenberg
Co-PI: John Gardner, BSU; Steve Taylor, SmartDwell
89. *Title: Targeted Energy Management Toolset for Comfort and Savings Based on Advanced Computational Intelligence Techniques*
Contract with: Idaho National Laboratory
Dates: 4/2011 – 9/2013
Amount: \$150,000, UI-IDL (\$550,000 including Co-PIs)
PI: Kevin G. Van Den Wymelenberg (For UI-IDL)
Co-PI: Craig Reiger, INL; John Gardner, BSU; Milos Manic, UI
90. *Title: Residential Economizer 2011 Summer M&V*
Contract with: Idaho Power Company
Dates: 04/2011 – 12/2011
Amount: \$70,000
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: Brad Acker
91. *Title: Integrated Design Lab Boise – 3*
Contract with: Northwest Energy Efficiency Alliance
Dates: 01/2011 – 12/2014
Amount: \$1,141,146
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: Ery Djunaedy, Gunnar Gladics, Brad Acker, Jake Dunn
92. *Title: 2011 Regional Technical Forum*
Contract with: Northwest Power and Conservation Council
Dates: 01/2011 – 12/2011
Amount: \$14,995
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: Brad Acker
93. *Title: Technical support for building energy codes - 2011*
Contract with: Association of Idaho Cities
Dates: 01/2011 – 12/2011
Amount: \$25,000
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: na
94. *Title: Net-zero energy home construction review and market acceptance analysis*
Contract with: Northwest Energy Efficiency Alliance
Dates: 10/2010 – 3/2011
Amount: \$15,000
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: Gunnar Gladics

95. *Title: Technical support for building energy codes - 2010*
Contract with: Association of Idaho Cities
Dates: 09/2010 – 12/2010
Amount: \$15,000
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: na
96. *Title: eLearning Platform for Lighting and Daylighting*
Contract with: Lawrence Berkeley National Lab
Dates: 08/2010 – 06/2012
Amount: \$16,340
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: na
97. *Title: Green Buildings Services - Simulation Support*
Contract with: Green Building Services
Dates: 08/2010 – 10/2010
Amount: \$19,500
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: Dr. Ery Djunaedy
98. *Title: City of Caldwell Energy Efficiency Education*
Contract with: Quality Electric
Dates: 06/2010 – 09/2010
Amount: \$7,500
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: Gunnar Gladics
99. *Title: Advanced Energy Efficiency - 2*
Contract with: Idaho Power Company
Dates: 03/2010 – 12/2012
Amount: \$1,050,000
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: na
100. *Title: Review of Green Building Policies for Idaho National Laboratory*
Contract with: Battelle Energy Alliance, Idaho National Laboratory
Dates: 10/2009 – 11/2009
Amount: \$2,000
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: Gunnar Gladics
101. *Title: Daylight Pattern Guide*
Contract with: New Buildings Institute
Dates: 07/2009 – 03/2011
Amount: \$108,500
PI: Kevin G. Van Den Wymelenberg
Co-Investigators: na
102. *Title: Advanced Energy Efficiency*



Contract with: Idaho Power Company

Dates: 02/2009 – 12/2009

Amount: \$285,000

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: na

103. Title: Developing an Energy Efficiency Research Workshop for Idaho National Laboratory

Contract with: Battelle Energy Alliance, Idaho National Laboratory

Dates: 02/2009 – 04/2009

Amount: \$5,685

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: na

104. Title: Energy Efficiency Measurement and Verification

Contract with: Idaho Power Company

Dates: 11/2008 – 12/2008

Amount: \$50,000

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Brad Acker

105. Title: Energy Simulation Technical Support

Contract with: Engineering Incorporated

Dates: 07/2008 – 12/2008

Amount: \$14,250

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Dr. Ery Djunaedy

106. Title: Daylighting Simulation Technical Support

Contract with: HDR Architecture

Dates: 02/2008 – 04/2008

Amount: \$4,000

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: na

107. Title: Endeavor Elementary School Energy Efficiency Demonstration Measurement and Verification

Contract with: Idaho Power Company

Dates: 01/2008 – 04/2008

Amount: \$5,000

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: na

108. Title: Foundational Services in Energy Efficiency - 2

Contract with: Idaho Power Company

Dates: 06/2007 – 12/2009

Amount: \$102,200

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: na

109. Title: Endeavor Elementary School Energy Efficiency Demonstration Development

Contract with: Northwest Energy Efficiency Alliance



Dates: 06/2007 – 12/2007

Amount: \$10,000

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: na

110. Title: Pacific Northwest Carbon Neutral Building Initiative

Contract with: United States Environmental Protection Agency

Dates: 07/2007 – 06/2008

Amount: \$100,000

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: G.Z. Brown, University of Oregon

111. Title: Energy Efficiency Renovation and Energy Simulation Technical Support

Contract with: St. Al's Regional Medical Center

Dates: 01/2007-12/2007

Amount: \$23,092

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: na

112. Title: Energy Efficiency Case Studies

Contract with: Idaho Power Company

Dates: 08/2006 – August 2007

Amount: \$8,500

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: na

113. Title: Energy Efficiency Case Studies

Contract with: Northwest Energy Efficiency Alliance

Dates: 08/2006 – 08/2007

Amount: \$10,000

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: na

114. Title: Energy Simulation Technical Support

Contract with: St. Luke's Regional Medical Center

Dates: 01/2006 – 04/2006

Amount: \$15,583

PI: Kevin G. Van Den Wymelenberg

Co-Investigators:

115. Title: Various small contracts

Contract with: Varies

Dates: 2006

Amount: \$9,205

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: na

116. Title: Integrated Design Lab Boise – 2

Contract with: Northwest Energy Efficiency Alliance

Dates: 01/2006 – 12/2010



Amount: \$1,200,599

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: na

117. Title: Developing a Daylighting Laboratory

Contract with: Rensselaer Polytechnic Institute – Lighting Research Center

Dates: 01/2005 – 12/2005

Amount: \$20,000

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: Joel Loveland, University of Washington

118. Title: Various small contracts

Contract with: Varies

Dates: 2005

Amount: \$2,526

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: na

119. Title: Foundational Services in Energy Efficiency - 1

Contract with: Idaho Power Company

Dates: 08/2004 – 05/2007

Amount: \$101,000

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: na

120. Title: Develop a Solar Simulator

Contract with: State of Idaho, Idaho Division of Energy

Dates: 08/2004 – 12/2004

Amount: \$5,000

PI: Kevin G. Van Den Wymelenberg

Co-Investigators: na

121. Title: Integrated Design Lab Boise – 1

Contract with: Northwest Energy Efficiency Alliance

Dates: 03/2004 – 12/2005

Amount: \$168,000

PI: Sherry McKibben

Co-Investigators: Kevin Van Den Wymelenberg (Project Manager)

SERVICE:

Major Committee Assignments:

1. Chair, Illuminating Engineering Society of North America, Daylight Metrics Committee; Summer 2012 - present.
2. *PhD committee*; Department of Architecture, University of Oregon, September 2015-present.
3. *Member*, Conflict of Interest in Research Committee, University of Oregon, July 2017 – present.
4. Founding Member, Oregon Code Collaborative, 2017-present



5. Member, International Standards Organization (ISO), Technical Committee 205, Building Environment Design, 2019-present.
6. *Member*, University Faculty Personnel Committee, University of Oregon, September 2019 - present.
7. *Member*, Provost Environment Initiative Committee, University of Oregon, September 2019 - present.
8. *Member*, Department Search Committee, University of Oregon, 2019-2020.
9. *Member, Research Advisory Board*; Office of the Vice President for Research and Innovation, University of Oregon, AY 2016-17, 2017-18, Chair of CHEP Review Subcommittee, 2018-19.
10. *Member*, Provost Search Committee, University of Oregon, April-June 2019.
11. *Member*, Portland Faculty Review Committee, University of Oregon, January 2018 – June 2019.
12. *Member*, School of Architecture and Environment Communications Committee, University of Oregon, January 2018 – September 2018.
13. *Interim Head*; Department of Architecture, University of Oregon, July 2017 - January 2018.
14. Committee Member, University of Oregon Climate Action Plan 2.0, 2017-2018.
15. *Academic Affairs Committee*; School of Architecture and Allied Arts, University of Oregon, September 2015 - June 2017.
16. *Member*, Department Search Committee, University of Oregon, 2016-2017. Chair, Illuminating Engineering Society of North America, IES Medal Award Committee; 2016-2017.
17. Vice Chair, Illuminating Engineering Society of North America, IES Medal Award Committee; 2015-2016.
18. *University Representative*; Center for Advanced Energy Studies (CAES) – Energy Efficiency Research Institute (CEERI), provide institutional representation and support for multiple energy efficiency research endeavors between the CAES partner institutions including Boise State University, Idaho National Laboratory, Idaho State University and University of Idaho; October 2010 – June 2015.
19. Chair, Idaho State Governor’s Strategic Energy Alliance, Energy Efficiency and Conservation Task Force; Spring 2009 – Spring 2015.
20. Vice Chair, Illuminating Engineering Society of North America, Daylight Metrics Committee; Fall 2009 – Summer 2012.
21. Advisory Committee Member, eLAD – eLearning platform for commercial building lighting and daylighting systems, Lawrence Berkeley Lab; 2010-2012.
22. Committee Member, Ada County Energy Plan Partnership; 2006-2012.
23. Voting Committee Member, Northwest Power and Conservation Council, Regional Technical Forum; 2010.
24. Task Force Member, Idaho State Governor’s Strategic Energy Alliance, Energy Efficiency and Conservation Task Force; Spring 2008 - Spring 2009.
25. Subcommittee Member, Illuminating Engineering Society of North America, Daylight Metrics Subcommittee; Summer 2007 - Fall 2009.
26. *College of Art & Architecture Representative*; University of Idaho Research Council; Academic Year 2007-2008.
27. Committee Member, University of Idaho, College of Art & Architecture, Facilities Committee; 2004-2007.

Professional and Scholarly Organizations:

1. Peer Reviewer, Tenure and Promotion, University of Buffalo (Architecture) 2019, UC-Davis (Microbiology) 2019.
2. Member, International Standards Organization (ISO), 2019-present.

3. Member, Commission de L'Eclairage (CIE, translates International Commission on Illumination), 2017-present.
4. Committee Member, Human Centric Lighting Committee; 2013-present.
5. Member, Society of Building Science Educators; 2004 – present.
6. Associate Member, Illuminating Engineering Society of North America; 2006 – present.
7. Associate Member, American Society of Heating, Refrigerating & Air-Conditioning Engineers; 2006 – present.
8. Peer Reviewer, LEUKOS - The Journal of the Illuminating Engineering Society of North America; Elsevier Journals: Automation in Construction, Building and Environment, Energy, Energy and Buildings, Displays, Journal of Environmental Psychology; Taylor & Francis Journals: Building Research and Information; Springer Journals: Energy Efficiency; 2012-present.
9. Panelist, NSF's Environmental Sustainability Program, Sustainable Buildings, unsolicited proposal grant review panel, 2014.
10. Peer Reviewer, Commission Internationale de L'Eclairage (International Commission on Illumination), 2014.
11. Integrated Resource Plan Advisory Council Member, Idaho Power Company, 2012-2013 cycle and 2014-2015 cycle.
12. Technical Advisory Committee Member, Avista Utilities, energy efficiency, 2011-2015.
13. Leadership team member, Center for Advanced Energy Studies, Energy Efficiency Research Institute; 2010–2015.
14. Summit Participant, University of Idaho, Utility Executive Course, 2012.
15. Peer Reviewer, SimBuild Annual Conference Proceedings; 2010, 2011.
16. Member, Idaho Energy Code Collaborative; 2008-2015.
17. Member, United States Green Building Council – Idaho Chapter; 2005 Inception – 2015.
18. Juror, Northwest Energy Efficiency Alliance, BetterBricks Awards; 2004 – 2011.
19. Selection Committee, Energy Efficiency and Conservation Block Grants to Idaho from American Recovery and Reinvestment Act of 2009; Spring, 2010.
20. Committee Member, American Recovery and Reinvestment Act 2009 - Idaho Energy Efficiency and Conservation Block Grant Selection Committee, Office of Energy Resources, Idaho; Spring 2009 – 2010.
21. Committee Member, American Recovery and Reinvestment Act 2009 - Idaho K-12 Energy Efficiency Project Selection Committee, Office of Energy Resources, Idaho; Spring 2009 – 2010.
22. Session Chair, American Collegiate Schools of Architecture, 2009 Annual Meeting, *Research Value of Design*; 2009.
23. Peer Reviewer, Architectural Research Centers Consortium, Research Conference Proceedings; Spring 2007.
24. Peer Reviewer, American Solar Energy Society, Conference Proceedings; Summer 2006.
25. Juror, Interior Designers of Idaho, Chair Affair; Winter 2006.
26. Member, American Solar Energy Society; 2003, 2004, 2006.

Outreach Service:

Workshops & Seminars Organized



1. Organized Smart Building Technologies Technical Session at IECON 2018 the 44th Annual Conference of the IEEE Industrial Electronics Society, with Gerhard Zucker (Austria), Jan Haase (Germany), Elizabeth Cooper(USA), Washington DC, October 2018.
2. Organized and hosted 16th Annual International Radiance Workshop, 3-day workshop, University of Oregon Energy Studies in Buildings Laboratory, Portland, OR, August 2017.
3. Organized Transforming Architecture: A Festschrift Event in honor of G.Z. Brown, 8-hour workshop, Eugene, OR, May 2015.
4. Organized (and occasionally presented at) twice-annual (spring and fall) professional lecture series (totaling more than 50 1.5-hour lectures held in evenings in Boise at the UI-IDL) on energy efficiency and integrated design topics with regional, national, and internationally recognized presenters; 2004 – 2014.
5. Organized (and regularly presented at) summer brown bag lecture series (totaling more than 100 1-hour lectures held during lunch hour in architectural and engineering offices throughout Idaho for the UI-IDL) on energy efficiency and integrated design; 2009 – 2015.
6. Organized (and occasionally presented at) monthly UI-IDL building simulation users group meetings; 2010 – 2015.
7. Numerous additional lectures presented to in 30-120-minute format to regional architectural and engineering professional offices on a variety of topics including: Climate Responsive Design, Climate Design Tools, Case Studies in Integrated Design, Daylighting Design Introduction, Daylighting Design for Human Health and Productivity, Daylighting for Schematic Design, Daylighting for Design Development, Daylighting Design for Energy Savings, Daylighting Design for LEED, Daylighting Design Modeling, High Performance School Design, Integrated Design Process, Integrated Design Lab Lessons Learned, Natural Ventilation Design, Life Cycle Cost Assessment for Integrated Design, etc; 2001-present.

Community Service: (non-academic unrelated to employment)

1. USA Swimming Referee, 2019-present
2. Board Member, St. Mary's Catholic School Governing Board, 2014-2015
3. Licensed Natural Family Planning Instructor, Couple to Couple League; 2011-present
4. Member, Knights of Columbus; 2009-present
5. Licensed Foster Parent, State of Idaho; 2005-2010
6. Core Team Member, Life Teen Youth Group, St. Mark's Catholic Community, Boise, ID; 2004-2008
7. Swim Coach, YMCA Masters; 2004-2005
8. Swim Coach, UW Husky Masters; 2003-2004